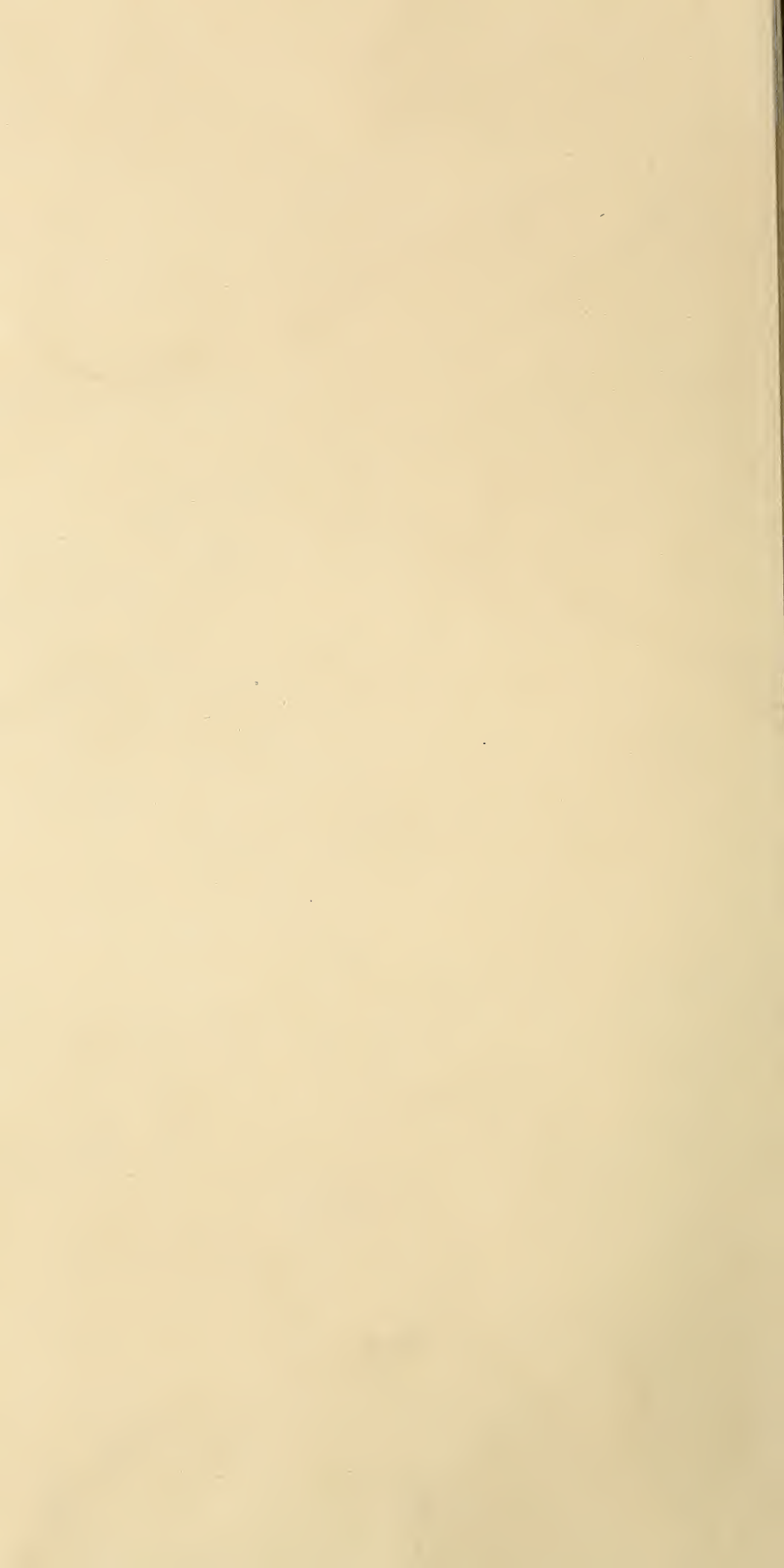


Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.



PARK'S FLORAL MAGAZINE

Vol. LV. No. 6. 187
Established 1871.

November, 1919.

10 Cents a Year
3 years for 25 cts

RECEIVED
DEC 30 1919

U. S. Department of Agriculture



And Tulips, children love to stretch
Their fingers down, to feel in each
Its beauty's secret nearer.

—E. A. Browning.

The Tulip-beds of different shape and dyes,
Bending beneath the invisible
West-wind's sighs.

—Moore—Lalla Rookh.

Collection No. 13.

Chinese Sacred Lilies

Large, solid, beautiful bulbs. They are sure to bloom in glasses of water or pots of soil, throwing up lovely foliage and big clusters of grand, white flowers with yellow cups, that fill the room with a delightful perfume. 20 cents each; two for 35 cents; three for 50 cents, postpaid. In each case a years subscription to the Magazine is included.

GET YOURS FREE Will send the Magazine to five different persons a year each, and 75 Mixed Crocuses postpaid, for only \$1.20. Please try to get up a club or two. We will mail all the bulbs directly to you, postpaid, so that you may take your 15 out first.

Address **PARK'S FLORAL MAGAZINE, LaPark, Pa.**

Collection No. 17.

15 Mammoth Crocuses 25c

With Magazine a Year

Fine, large bulbs for growing in dishes or outdoors. All colors, wonderful infassortment of yellow, blue, white, striped, etc. Do not confuse these with the old-fashioned Crocuses. 100 sent postpaid with Magazine for \$1.00.

PARK'S FLORAL MAGAZINE

A MONTHLY DEVOTED TO FLOWERS

LaPARK SEED AND PLANT COMPANY, Inc., Publishers

LaPARK, - PENN'A.

Entered at LaPark, Pa. P. O. as 2nd-class Mail Matter.

Field Circulation Manager, M. M. Bersh

AN IMPORTANT NOTICE

Hundreds of orders and letters are still being received at LaPark addressed to George W. Park, despite the fact that during the past twenty-one months many notices have been printed in these columns that Mr. Park has nothing, whatever, to do with either this Magazine or the seed business. These letters are forwarded to his Southern home, and evidently it is not convenient for Mr. Park to return them to us daily, because we receive them only at odd times.

Of course orders could be more promptly filled and inquiries answered if your letters were addressed directly to us, therefore,

PLEASE ADDRESS ALL LETTERS TO PARK'S FLORAL MAGAZINE, OR TO LaPARK SEED & PLANT CO., LaPark, Pa., AND NOT TO INDIVIDUALS.

Mr. Park has retired to the far South to live, and says he does not desire to be bothered with such correspondence.

NOVEMBER IN FRANCE.

It was in November of last year, as we all so well recall, that the nations were made glad and thankful with the news of a signing of an Armistice. Though many of the Americans fighting in France would have been glad enough to have carried war into the enemy's country, the great relief that was felt everywhere among noncombatants was to a large degree shared by the men under arms.

Now, the problem was one of arranging for the upkeep of Morale among the men, and as far as it was possible to do so our men were sent upon seven, and fourteen days, leave of absence with pay, to enjoy recreation and new scenes in the picturesque watering places of France. Some went to Biarritz, that lovely ocean resort, far south on the coast of France, near to the Spanish border. Others were made happy at Aix la Bains, Grenoble and other inland mountain resorts, while great groups from all of the Divisions that were permitting "leaves" came to the Riviera.

Here on the "Cote d'Azur" as the French call their enchanting edge of Mediterranean Sea border—the coast of blue—the Riviera—every moment of the seven days or fourteen days as the case might be, was treasured as golden. The men had been in training and in action with murky weather and muddy footing as seemingly their every day experience for weeks. They had come to conclude that "Sunny France" was quite a myth, and that it was French enthusiasm over even a pallid expression from "Old Sol" that had given rise to a world-wide idea that in France there was naught but sunniness and gaiety. They were doubtful as to what the Mediterranean coast had in store for them.

But now that a year has passed, ask the question among the boys you know who visited the Riviera what their recollections are, and ten to one, they will in every case size up the

situation by the single inclusive word "Wonderful".

Coming down the beautiful valley of the Rhone from the great silk manufacturing city of Lyons, as we come under the influence of the Mediterranean draughts that find their way for a bit up the valley from the mouth of the Rhone, here we begin to observe Olive Orchards, and the silvery green of the foliage and the gnarly, twisted big-based trunks of the dwarfy-looking olives, give us our first and ineffaceable impressions of a distinctively southern European orchard. The Rhone is one of the most beautiful of river valleys, the hill tops all clad with coniferous trees, and the effect of little villages perched high on some of the hills and of splendid Chateaux built of light-toned material standing boldly out among the greens on a hillside, are ever memorable.

At Marseilles—the old port town, dating hazily back to three or four thousand years B. C., when the Phocceans held forth as mariners and traders contesting sea supremacy with their bitter enemies, the Carthaginians, our "leave" men revelled for the first time in real sunshine and began to say with sincerity and feeling—"the Mediterranean is some leave area, believe me".

Everyone points out to you as you take a point of observation, to look about the coast line—the Chateau-d'Ile—the smallest of several not very large bits of rocky islands that rise from the sea close to Marseilles. A round towered Castle, built four hundred years ago gives interest to this small isle. You recall the "Count of Monte Cristo" by Dumas. He locates this castle as the prison home of Monte Cristo and so everyone goes out to see the spot from where the two "grave diggers" hurl the sack, in which "Monte Cristo" was bundled, into the sea. All about the men were oranges and lemons in fruit and flower, Palms stood in the gardens to attest the balminess of the climate and flowers were in the greatest of profusion.

Unlike the English custom, and what has come to be the American style in gardening about our homes, the French for the most part, have little garden display in front of their homes in the cities. The house walls border the sidewalk, without the setting of parking or front yard, but through the large doorway that looks so much to us like the entry into a fire engine house, we enter the most charming of rest and private tea gardens where the families really have their social meetings. Those who have been privileged to meet with French families in the home gardens know how very cordial and wholesome the hospitality of the French people truly is. There is space for but slight mention of the various places in each issue—it is because of this restricted space that we look forward to a 64-page issue as an eventual accomplishment—but in this Thanksgiving month, just a breath of Southern France may be given, for it brings to mind, that had not so many of our boys been privileged to have visited the real, unscarred, happy faced Mediterranean Landscape they would have come back believing that they had lived in a France that throughout its borders was just

and murky mire. I know now of many boys who have it in mind to include a return visit to France, particularly that they may better know the flower and sunshine area of the Riviera.

AUTUMN FOLIAGE.

The prevailing color of the summer vegetation is green, and so closely do we associate this color with the foliage of vegetation as a whole, that we scarcely think of it as a color, but rather as the normal effect. Throughout most temperate regions of the earth, and particularly in North America and Europe, the onset of the autumn season initiates a riot of color in foliage with which, in favorable sections, there is nothing in nature to compare. Regarding these effects in central Europe it has been written: "What abundance of color is then unfolded! The crowns of the pines bluish-green, the slender summit of the Firs dark green, the foliage of Hornbeams, Maples, and white-stemmed Birches pale yellow, the Oaks brownish-yellow, the broad tracts of forests stocked with Beeches in all gradations from yellowish to brownish red, the mountain Ashs, Cherries and Barberry bushes scarlet, the bird Cherry and wild Service trees purple, the Cornel and Spindle-tree violet, Aspens orange, Abeles and Silver Willows white and gray, and Alders a dull brownish-green. And all these colors are distributed in the most varied and charming manner. * * * To be sure this splendor of color lasts but a short time. At the end of October the first frosts set in, and when the north wind rages over the mountain tops all the red, violet, yellow, and brown foliage is shaken from the branches, tossed in a gay whirl to the ground, and drifted together along the banks and hedges." With modifications suitable to our own flora this description would hold remarkably well for the region about St. Louis, Mo.

While the autumn coloring of trees and shrubs in the Mississippi Valley region is scarcely equal to that of New England and the Appalachians, except during the most favorable seasons, it is always attractive and worthy of an analysis which may serve to relate effect and cause. Contrary to the popular belief, the change of color in the autumn season is not an index of death, but rather an indication of gradual maturity which may lead toward death. In general, the autumn colors may be classed as yellows and reds, although orange, brown, bronze, and purple may be found in the varied effects. The yellow and orange tints are due primarily to a group of pigments called xanthophylls and carotins, while the reds are almost invariably anthocyanin. These names mean little more than the colors themselves until one discovers that there are extensive groups of plant pigments which have merited careful chemical and physiological study and classification.

Even the green leaves of the summer exhibit sometimes a shade of yellow, and with a host of plants yellowing is associated with waning vigor and health. As a matter of fact, yellows are always present in the leaves, associated with the chlorophyll, or leaf green, so that when the conditions become unfavorable for the maintenance of health, the chlorophyll is broken down and the yellow pigments (in those plants which do not produce reds) become more conspicuous. These yellow pigments, like the chlorophyll, are not sap colors; more-

HYACINTHS

Col. No. 8 **10 Named Single Dutch** 50c

With Magazine a Year

Pure White, L'INNOCENCE—Early, fine truss; extra; most popular white Hyacinth.
Cream White, LEVIATHAN—Exquisite waxy bells.
Dark Rose, LORD McCaULEY—Bright carmine-rose with pink center, early, extra.
Porcelain-blue, QUEEN OF THE BLUES—Large bells, fine spikes, early, one of the best.
Purple, LORD BALFOUR—Very early, enormous truss, finest of its color.
Blush White, MR. PLIMSOLL—Large, handsome bells, grand spikes; splendid.
Rose, CHAS. DICKENS—Very early, large truss.
Crimson-scarlet, VICTOR EMANUEL—Brilliant, fine bells; large, handsome truss.
Dark Blue, KING OF THE BLUES—Showy bells, splendid, well-finished truss.
Yellow, MacMAHAN—Splendid, fine bells; large truss.

Col. No. 9 **3 Giant Ingle** 40c

With Magazine a Year

These are magnificent, very large, wonderful Hyacinths.
Pure White, L'INNOCENCE, Enormous spikes of pure, waxy white bells.
Rose, ORNAMENT ROSE, Huge trusses, Rarely beautiful
Blue, GRAND MAITRE, Very rich, deep blue bells in mammoth but compact spikes.

Col. No. 10 **10 Named Single** 50c

With Magazine a Year

Pure White, LaGRANDESE, Superb sort; elegant.
Crimson Scarlet, ETNA, Brilliant, striped bells.
Blush White, ANNA, Early; splendid.
Rose, GEN. DE WET, Clear, lively color, fine bells.
Cream White, SEMIRAMIS, Fine, large spike.
Dark Rose, LADY DERRY, Splendid early sort.
Porcelain, GRAND LILAS, Extra attractive spikes.
Blue, ENCHIRIDISS, Charming, showy truss.
Mauve, SIR WM. MANSFIELD, Lovely bells, showy.
Yellow, IDA, The finest yellow, showy truss.
Two of each variety, or 20 bulbs, and Magazine a year, postpaid, 90 cents.

Col. No. 11 **10 Double Named Dutch** 55c

With Magazine a Year

Pure White, La TOUR d'AUVERGNE, Early, very double bells, fine spikes; a choice Hyacinth.
Blush White, ISABELLA, Superb variety.
Cream White, GROOTVORSTIN, With yellow center.
Light Rose, GROOTVLOER, Very handsome.
Dark Rose, PRINCE OF ORANGE, Very early.
Crimson Scarlet, BOUQUET TENDRE, Lovely.
Porcelain, BLOKSHURG, One of the best.
Bright Blue, GARRICK, Splendid bells and truss.
Violet Blue, CROWN PRINCE OF SWEDEN, Superb, large bells, elegant truss; extra.
Buff Yellow, SUNFLOWER, Best double yellow.
20 Hyacinths, two of each variety, postpaid with a year's subscription to the Magazine, 95 cents.

Col. No. 19 **6 Single and Double Mixed Hyacinths** 35c

With Magazine a Year

This is a collection we have never offered before, but very rich and desirable for those who want beautiful flowers without knowing the names. Some of the finest varieties are included.

Col. No. 12 **VERY LARGE HYACINTHS** 40c

4 Double and 3 Single With Magazine

Pure White, LaTOUR d'AUVERGNE, Early; fine.
Dark Rose, PRINCE OF ORANGE, Charming.
Porcelain, BLOKSHURG, Very fine, double bells.
Buff Yellow, SUNFLOWER, Splendid, double.
Pink, GERTRUDE, Single, large bells, compact spike; fine for pots or beds.
Pure White, AUGUSTUS CHRISTINA, Very large.
Blue, GRAND MAITRE, For house or garden.

Col. No. 33 **10 Narcissus** 45c

With Magazine a Year

Alba Plena, Double; pure white; sweet-scented.
Leedsii, white perianth with primrose cup passing to white.
Incomparabilis, perianth white, trumpet orange-scarlet.
Campanella, largest, pure yellow, fragrant Jonquil.
Especially desirable for winter-flowering.
Poeticus, pure white, cup margined with scarlet, fragrant 100 by express, receiver to pay express charges, \$3.25, with Magazine a year.

TULIPS

Col. No. 2 10 Single Named Early 35c and Magazine a Year

White, LaERINE, Large, Beautiful Tulip.
Scarlet, ARTUS, Brilliant Scarlet, dwarf, bold, pretty.
Crimson, GRAMOISI BRILLIANT, One of the brightest
White, JACOB A van BEIREN, Showy, fine for beds.
Pure Yellow, YELLOW PRINCE, Golden, scented.
Red and Yellow, DUCHESS de PARMA, Large.
White Striped Rose, COTTAGE MAID, For bedding.
Orange, PRINCE OF AUSTRIA, orange-red, fragrant.
Cherry Red, EPAMINONDAS, Large, handsome.
Pres. Lincoln, QUEEN of VIOLETS, beautiful.

25 of these bulbs to one address, 70 cts; 50 for \$1.20; 100 for \$2.25, postpaid.

Col. No. 3 10 Double Early Named 35c and Magazine a Year

White, LaCANDEUR, Best of the White Tulips.
Scarlet, WILLIAM III, Very rich color.
Rose, ROSINE, Dark pink, large and effective.
Crimson, RUBRA MAXIMA, Very large.
Yellow and Orange, COURONNE D'OR, Rich.
Scarlet and Yellow, TOURNESOL, Bright.
Pink, MUEILLO, Most popular of all Double Tulips.
Striped, QUEEN VICTORIA, Cherry-red, lovely.
Violet, LUCRETIA, Rose Violet; extra fine variety.
Vermillion, AGNES, Bold, large and showy.

25 sold for 75c; 50 for \$1.30; 100 for \$2.40, postpaid.

Col. No. 4 12 Named Late Double and 35c Single Tulips with Magazine a year

Blue, BLUE FLAG, Very double and showy.
Red Striped White, MURAGE de MALE, Fine.
Pure Yellow, Large, most deliciously scented.
Pure White, LaCANDEUR, Finest White.
Rosy Pink, ISABELLE, delicately beautiful.
Crimson Scarlet, GESNERIANA MAJOR, with blue black center.

First three double. 24, for 70c; 48, \$1.20; 96, \$2.75; postpaid.

Col. No. 5 14 Parrot & Botanical 50c and Magazine a Year

LATE FLOWERING, NAMED TULIPS

Both wonderfully beautiful, distinctive and desirable varieties. The last four are Botanicals.

Scarlet, ADMIRAL OF CONSTANTINOPLE,
Yellow, LUTEA MAJOR, Very showy.
Yellow and Scarlet, PERFECTA, Beautiful.
Scarlet, CALEDONIA, Scarlet, black and gold.
Yellow, RETROLEXA, Petals elegantly recurved.
White, edged Pink, PICOTEE, Extra fine.
Rosy Carmine, GESNERIANA ROSEA, beautiful.

28 sent postpaid, for 90c; 56 for \$1.80; 112 for \$3.00.

Col. No. 6 10 Darwin Named 45c with Magazine a Year

White, LaCANDEUR, Almost pure white Tulip.
Red, LAURENTIA—Robust, tall, flaming red.
Soft Rose, MME. KRELAJE—Large and beautiful.
Deep Rose, PRIDE of HAARLEM—Large flower.
Black Blue, SULTAN—Tall, rare and showy.
Rosy Scarlet, WILHELMINA—Very handsome.
Yellow, PERSIOA—Yellow and brown; splendid.
Salmon Pink, OLARA BUTT—Beautiful soft color.
Rosy Violet, EARLY DAWN—With blue center.
Vermilion Glow, Margined white, blue center.

25 Darwin Tulips sold for 90c; 50 for \$1.65; 100 for \$3.00.

Col. No. 7 10 Named Rembrandt 45c With Magazine a Year

All richly and distinctly variegated, late flowering, hardy single, Dutch Tulips—unusually fine.
Albino—Rose, Lilac and white, striped carmine.
Beatrix—Rose and White, flamed carmine.
Centenarie—Carmine, Rose and white, flamed violet.
Esopus—Red, striped and flamed.
Hebe—White and Lilac, striped maroon.
LePrintemps—Lilac and white, flamed scarlet.
Medea—Lilac and white, flamed purple.
Titania—Lilac, rose and white, marked red.
Vesta—Lilac, feathered bright red.
Zenobia—Amaranth and white, striped glowing maroon.

25 Rembrandt Tulips, 90 cts; 50 for \$1.65; 100 and upwards \$3.00 per 100, postpaid.

A year's subscription to the Magazine with each lot of bulbs. In all cases, an equal number of each sort is included, wrapped separately and labeled.

CLUB OFFER Please try to get a friend or two to join you. For every subscriber you send us in addition to your own name, we will add free for your trouble, three extra bulbs. There is always a neighbor glad to take the Magazine and get such fine bulbs so reasonably.

over, they are more stable than the green, and may persist until the living cells are killed by cold. One of these yellow pigments, caotoin, is also characteristic of many fruits, of certain mushrooms, and it is even found in various animal tissues.

In the vicinity of St. Louis, Mo., yellow is the autumn color of the ginkgo among conifers, likewise of many species of Willow, Poplar, Birch and certain Maples; also of Box Elder, Mulberry, Elm, Hornbeam, Chestnut, Tupelo, and Sycamore. It appears as an undertone where browns and reds are prominent, as in the Sassafras and Horse-chestnut. The yellows in some foliage plants conspicuous in the summer season, as in certain varieties of Coleus, are simply indicative of a preponderance of yellow pigment, veiling the leaf-green but not excluding it.

The red pigments of autumn leaves are cell-sap colors, and nearly all such anthocyanins are soluble in the aqueous solution constituting the plant juices. It is significant that those plants exhibiting conspicuous red coloration in the autumn are often those which give indication of reddening with the first spring growth. In this region there is no plant more loyal to autumn scarlet than the Sumac, and in the spring the young shoots are reddened until the vigorous growth of warmer weather disperses the tint. Instances of this sort might be multiplied many fold.

In our own flora some species exhibiting pronounced reds are hard Maple, Sassafras, Dogwood, Thorn-apples, Sumac, poison Oak, Virginia creeper, and many others. Brown and purplish tones are often exhibited by Hickory, Persimmon, and Ash. The vegetation that is suddenly cut off by severe frost seldom exhibits the best reds. Climatic influences are important, and it is clear that regions with a fairly high humidity and cool nights, as the autumn approaches, are those in which the highest coloration is attained. Nevertheless, similar pigmentation may be developed (in those plants capable of it) almost any season. In the middle of the summer a branch of hard Maple or an isolated shoot of Sumac may show high coloration. The heightened color is usually to be associated with some injury whereby the food materials manufactured in the leaves are not conducted away from the branch.

The production of anthocyanin in plants has been made the subject of much experimental study and careful analysis. It appears that the abundance of color in plants capable of producing it at all is related to the sugar content, and it also appears to be dependent upon oxidation phenomena. During the growing season the sugar produced in the leaves is rapidly utilized, but in the fall it is not required to such an extent in respiration, nor is it conducted away so freely. At the same time, the conditions are most satisfactory for the oxidation of the pigment mother substance, or chromogen. The pigment belongs to the group of substances chemically known as glucosides, containing glucose or fruit sugar as one constituent. It is interesting to note that twigs placed in a sugar solution, and under conditions otherwise favorable, have been found to redden conspicuously.

The red pigments of autumn coloring belong to the same group of substances as the pigments of red Beets and purple Grapes, of most red, purple, and blue flowers, and the red colors of such summer foliage plants as many varieties of Coleus, Begonia, Croton, and the purple

(Continued on page 155.)

PARK'S FLORAL MAGAZINE

LaPark, Pennsylvania.

HYACINTHS, TULIPS, NARCISSUS AND CROCUS IN POTS AND GLASSES.

HYACINTHS MAY be planted in pots from the first of October until well in November. The soil used should consist of one-third each of white or river sand, vegetable mould, and rich loam. The pots should measure about six inches across the top. When the bulbs are planted, the pots are to be lightly filled with earth; the bulb may be placed in the centre, and pressed into the earth so that it may be about half covered. After this the earth should be made solid all around the sides of the pot, to secure the bulb in place. When the bulbs are thus potted, they should be removed into a cool place, in order that they may become well rooted before the tops shoot up. Much light is not necessary at this period; indeed, the deprivation of light causes them to root more quickly than they would if given light. For the first two or three weeks after potting they may be placed in a shed or a cellar, or in any convenient place, provided it be cool. Little water is also required; once watering, immediately after they are planted, being sufficient, if the situation is tolerably damp where the pots are placed.

If the stock of the bulbs, such as early Tulips, Hyacinths, Narcissus, etc., be large enough to occupy a small frame, the pots may be covered a few inches deep with any light material like corn shreds. The pots will soon become filled with roots, and the shoots produced by the bulbs previously well rooted will be stronger, and the flowers larger, than if they had been put in a warm and light situation.

When they are rooted, a few may be introduced occasionally into the room or window, or on the mantel piece, if there be sufficient light. Light is quite essential when the tops begin to grow. By this means a succession of flowers may be had during a greater part of the spring.

If it be wished to grow Hyacinths in water glasses, the glass should be filled up with water, but not so high as to come in contact with the bulb. Too much moisture before the roots protrude might cause the bulb to decay. The glasses may be put in a light, but cool situation, until the roots are grown half the

length of the glass, at least. The longer the roots are before being forced into flower, the finer the flowers will be; and when rooted they may be kept warm or cool, as flowers are required in succession. The flowers will not put forth, even when the glasses are filled with roots, if they are kept in a cool place. The water should be changed about twice every week, and rain or river water is better than spring water. Although the practice of growing bulbous roots in water is common, and agreeable to quite an extent for the interest and particular satisfactions coming from the work, it is by no means preferable to growing them in earth in pots. There are many failures when bulbs are grown in water, which are chiefly caused from their being more liable to rot before they begin to emit roots, than when grown in soil. Keeping the bulbs quite clear of the water is a partial, but only a partial, preventive. Another cause is, that when the roots have attained some length they frequently decay, and the loss of the flowers is the consequence. Should success attend the growing and blooming of the greater part of those placed in water glasses, the bulbs will be good for nothing afterwards; but those grown in pots might be planted the following year in the garden, and they would make pretty border flowers for several years. Similar treatment to that above indicated is required for the large rooted Narcissus, whether in pots or glasses. Of course we all know that everyone will have success



HYACINTHS FOR THE HOUSE.

with the Chinese Sacred Lily when grown in water glasses and set up on pebbly bases that permit the bulb to keep just clear of contact with the water. To force early Tulips in pots, there should be about three or four placed in in each pot, just within the earth, and their management should be the same as that recommended for Hyacinths and Narcissus in pots.

Crocuses will force well. They should be planted close together, say from ten to twenty in a pot, according to the size of the pot. Let them root naturally after planting before they are forced into flower. They require treatment similar to that indicated for Hyacinths, Narcissus and Tulips.

In order that the bulbous roots, which have been forced, shall not be quite exhausted, they may be planted in the garden with the ball of earth entire, as soon as the flowering is over, if the weather is favorable. They will mature

their roots and leaves and be strengthened sufficiently to bloom again the following season. If bulbs are neglected when their flowering season is over, they will not recover such a neglect for a considerable time; but if carefully placed in the garden till their leaves become yellow, when the roots are well matured, they may be kept in a dry, cool place until they are wanted for the next seasons planting.

POPPIES FOR CUT FLOWERS.

Poppies are so pretty when cut and used for room or table decoration that I often wonder they are not more frequently used for this purpose. A small bed started from seed sown either in the fall or late spring, will supply a lot of flowers, and the more you cut the more abundantly they will bloom. The plants are of quick growth and produce a wealth of gorgeous blooms.

They grow best when the soil is cool and are rather hard to transplant. As the seed is very



POPPIES.

small it had better be mixed with a little fine sand and scattered thinly. Firm the soil well, and when the plants begin to crowd they should be thinned to stand about eight inches apart, as they like to have room to develop.

The colors range through all the shades of delicate rose-pink, carmine and brilliant crimson.

The best time for Cutting is just before the buds expand. In the evening note the big, fat buds that are held erect upon the stems. These are almost ready to blossom, take them with good, long stems, and place them so deeply in water that only the buds show above the surface. The flowers will have appeared by morning much more fresh and perfect than if they had been allowed to remain in the garden, subject to winds, sun and bees, which shorten their period of beauty.

Although some may prefer the big, double Poppies, which look very much like balls of fringed tissue paper, my preference is for the single Shirleys, with their petals of ruffled, satin sheen. I also like to mix a little foliage with the blooms, or the bright shades look very pretty with sprays of "Dusty Miller", *Centaurea Gymnocarpa*. Bessie Palmer Snipe Woolwich, Me.

Grafting Flowering Locust on Black or Honey Locust.—Do you ever try grafting shrubbery? Try a wild Locust (either the Black or Honey Locust) and graft it with the flowering Locust. Take a small sapling of the wild Locust, about three-fourths of an inch in diameter and saw it off one-half foot from the ground, and graft it with the flowering Locust and it will grow and blossom the first year. It will blossom two or three times in a season. We have grown it for many years. Mrs. Orpha Hessick.

Box 143, Mecosta, Mich.

LINNAEUS DIAL OF FLOWERS.

'Twas a lovely thought to mark the hours,
As they floated in light away,
By the opening and the folding flowers,
That laugh to the summer's day.

Thus had each moment its own rich hue,
And its graceful cup and bell,
In whose colored vase might sleep the dew,
Like a pearl in an ocean shell.

To such sweet signs might the time have flowed
In a golden current on,
Ere from the garden, man's first abode,
The glorious guests were gone.

So might the days have been brightly told;
Those days of songs and dreams,
When Shepherds gathered their flocks of old,
By the blue Arcadian streams.

So in those isles of delight, that rest
Far on in a breezeless main,
Which many a bark, with a weary guest,
Has sought, but still in vain.

Yet is not life, in its real flight,
Marked thus—even thus—on earth,
By the closing of one hope's delight,
And another's gentle birth.

Oh; let us live, so that flower by flower,
Shutting in turn, may leave
A lingerer still for the sun-set hour,
A charm for the shaded eve.

By Mrs. Hemans.

CHILDHOOD MEMORIES OF AN OLD GARDEN.

One of my childhood memories, is of a house shaded by silver Maples, set far back in a yard, with a flag-stone walk to the road, bordered on either side by a flower bed, that from early spring till late in the fall, was a constant delight to me, on my frequent visits to the lady of the house, sweet faced Aunt Isabell. Hyacinths, Bleeding Heart, Blue Bells, Columbine, Iris, Grass Pinks, Buttercups, Mullein Pinks, Tiger Lilies and many more of which I never knew the name.

But down near the road, growing at will over grass and fence, was a vine that "Aunt Ibbie" called California Rose. I have never seen it anywhere else, or seen it described in any catalogues, and as that is nearly half a century ago my description may not be very true. The vine was something like a Morning Glory only I think the leaves were more arrow shaped. The flowers were a lovely shade of pink, very double, about the size and something like an old-fashioned Damask Rose. Almost as delicate in texture as a Camellia flowered Balsam. There must have been seed, or else the roots were hardy, for they came up year after year without any care. Can anyone tell me the name?

Another vine for house or window culture that I have lost track of, is the lovely Lycopodiums. Does any one grow them now.

Freedom Sta., Ohio. Mrs. A. J. Stedman.
[The plant referred to as California Rose is *Calypteglia Pubescens*. Editor.]

"Our Guild has chosen the name 'The Rosebud Circle' for ours," writes Dorothy Louise Plunkett, from Phoenix, N. Y. Box 198.

AGAPANTHUS OR LILY OF THE PALACE.

I AM WONDERING how many of our readers include the Agapanthus in their floral culture. It is one of the old favorites among painstaking plant lovers, calling for knowledge of its characteristics if you would share the enjoyment of its luxuriant and graceful foliage, and the beautiful tall stalks of bloom, which open successively for a long period during summer and autumn. Imagine the effect produced by from 20 to 30 flowers borne in clusters a foot across sometimes, on stems three feet tall. Agapanthus being evergreen, if well cared for during winter, resents dying down, and in fact to insure bloom it



seems necessary that it grow throughout the year. The older plants take a good sized tub for their strong roots and often we find it necessary to place the plant in a cellar where it will have some light, preferably from the south. In this position it maintains growth and is quite content. The first thing in the spring, if, during the winter the plant has wintered in the cellar, it is brought to a warm position in the house, and the leaves are nicely sponged and a limited watering is at first given and the soil is enriched with a top dressing of fertilized earth. After a time the plant may then be set out of doors on the lawn. Where one can carry the plant through the winter in the house, in a good living room light, with sparing waterings, the response of the "Blue African Lily" will be marked at blooming time. Sixty Lilies have often been counted on a single stalk of the older plants. The larger plants will, if well cared for, stand out as distinguished specimens in any group of prized ornaments of the lawn and home. During the summer abundant waterings are required and the pan in which the pot or tub stands should be well filled for the thirsty sub-aquatic Agapanthus. When the plant is doing well it is best not to attempt to disturb by dividing the roots for this often results in a disposition to withhold the blooms causing disappointment. It is to be remembered that good bulbs will often not bloom until after the third year after planting. Though here the above treatment is recommended, it is known that many pack the large, fleshy roots in boxes in October keeping the plant in a frost-proof cellar and leaving it there until the following June when it is taken up and planted in the open ground or border, and copiously watered during the summer. One cannot but grow attached to a bloomer that keeps up its floral effort from August to October.

Do you want to work for nothing? Then don't throw away the results of your work on trifling expenditures. War Saving Stamps are a solid, growing return.

Make your money "work or fight". If it is not fighting for you in the industrial field, put it to work in War Saving Stamps.

THE PASSING OF THE BARBERRY BUSH.

The Barberry bush—the poor man's bush,
It's yellow blossoms hang.

Caroline Gilman.

A CLOSE observer of nature, accustomed to the cheerful dashes of color once furnished during autumn and winter by the bright, red berries of the common Barberry (*Berberis Vulgaris*) cannot but miss this once familiar, ornamental native, and regret that necessity has demanded that it be exterminated.

The common Barberry was not only prized as a hedge plant by our forebears but it was useful for other purposes. From its berries many thrifty housewives made preserves, and from its bark a yellow dye was extracted and used by manufacturers of textiles.

It developed, however, after study and observation by Government entomology experts that the common Barberry was harmful to our national economy, for it was the favorite harbor of the rusts, which are so destructive to our grain crops. These experts tell us that to complete the cycle of its life, from egg to moth the organism, responsible for the stem rust on wheat, rye, oats and barley, must pass a part of its life in the common Barberry bush. By demonstration the experts showed plainly that with removal of the common Barberry from near the fields in which the above mentioned grains are grown, that the damage to the grain is materially lessened, and these experts tell us that if the common Barberry is completely exterminated that within a few years the destructive grain rusts will entirely disappear.

Because of this knowledge, widely spread by the Agricultural Department, many owners of homes and gardens have destroyed their common Barberry hedges at considerable inconvenience and financial loss. Patriotically disposed nurserymen also destroyed many thousands of these plants in their nurseries, and ceased to propagate any more of the plant. Farmers joined in the campaign for rust-free grain, and eradicated old stands of the common Barberry about their farms and woodlots, so now we may feel that our old Barberry bush is but a memory—it has practically ceased to grow.

Happily the Japanese Barberry (*Berberis Thunbergii*) a hardy exotic relative of the common Barberry is not considered a carrier of the destructive rust and so this beautiful, hardy, ornamental hedge plant remains for those of us who loved the old *Berberis Vulgaris* to plant as a reminder of the honest old bush of a former day when we did not know much about rust and the causes for its prevalence. I felt that a brief word should be said in passing about the friend of yesterday.

Bertha Berbert Hammond.

April and May Planted Bulbs for Summer Flowering.—Gladiolus are the best of bulbs for summer flowering. They make a fine display when planted out in beds or borders. They afford a wealth of ever charming cut flowers, and now that there is such a wide range in colors of the most exquisite shades there is no doubt but what the Gladiolus will prove to be the most popular and the most useful of our summer flowering bulbs,

WHICH DID BEST?

One bought glistening skeins of silk,
Bright purple, green and blue,
And taking in hand a linen cloth,
Quickly gay pansies grew.

She held her work up to the light,
Her many friends to show,
They praised her skill as perfect quite,
The pansies seemed to grow.

And when at last the work was done,
She laid it with care away,
Saying "perchance I will marry
And make use of it, some day".

She planned herself a mansion,
Its mistress she would be;
A fire came, she sat and mourned
Her burned embroidery.

Another noted for golden deeds,
Designed a flower bed.
She planted many small brown seeds,
And silently she said,

"I'll sow again with faith this year,
As always I have sown,
And know that God will not withhold
His blessings, rain and sun."

Her flowers grew abundantly,
So rich she made the soil,
And gave long hours in patient care,
She loved the ennobling toil.

They often graced her dear Lord's house,
And poor homes she made glad,
And many sick and suffering ones
Were cheered, that had been sad.

She gladly gave her flowers away,
And looked for no return,
I would that many of us here
Might this plain lesson learn.

She said that some had not the time,
And some had not the space,
But still they prized a sweet bouquet
With its refining grace.

Gay butterflies and honey bees,
Enjoyed the blossoms too,
And now and then a humming bird,
Sipped sweets and sparkling dew.

I ask you which one did the more
To cheer this world's dark hours?
I think 'twas she who understood
The ministry of flowers.

Eva Wendell Smith.

41 Parkwood Bl'v'd. Schenectady, N. Y.

THE GREAT SOWER.

A dirty, apathetic band of ragged, morose men the Russian prisoners interned in German prison camps were found to be by the representatives of the American Red Cross. Today those permitted to enter within the limits of the seventy-five camps and walk among the 300,000 slaves will find a group of men of characteristics exactly opposite to those previously described, and they will find them planting seeds, pruning trees and fixing flowers.

The greeting extended to the Americans was hardly cordial but they took it in good part and proceeded to arrangements for helping the men. They had no soap for months and consequently they were dirty. They had had no new clothes for more than a year, some for a couple of years, and were in rags. Their shoes were completely gone. No razors.

No tobacco. Germany did not want them, Russia did not want them. The American Red Cross was their only friend, though they did not realize it at first.

Soap was the first article to be distributed by the Red Cross workers, the others needed following in rapid succession. But there still remained the problem of something for the men to do. Just to be idle is a pleasant occupation for a few hours, when one is tired of activity, but enforced idleness over a period of months and years soon grows irksome. Gardening solved the problem.

The Red Cross brought great packages of flower seeds into the camps. The soldiers seized upon the idea eagerly, and set out to dig up the ground. Rocks were carried to the gardens and formed curbs, white washing made them most attractive to the Russian eye. Some of them knew a bit about landscape gardening, and these men set out to draw plans for the camps. Of course every man had a suggestion, and the artist listened to them all with humorous appreciation of the interest.

This spring the camps were converted from barren deserts to beautiful oases, and flowers did it. Also the hearts and minds of the men underwent as complete a change through the subtle medium of flowers.

Within these camps the seeds dispensed by the Red Cross were most effective but they have done great work in many places. Vegetable seeds given to convalescent soldiers were planted near the hospitals. Their cultivation had medicinal value for the lads, and they produced great quantities of vegetables—as many as two tons at Base Hospital No. 6 France, in two months time. The work here was done by 5,400 convalescent doughboys who worked 6,600 hours on 109,134 kilometers of land.

The finest grain which Serbia has used this year has sprung from American seed. To all these war-impoorished countries the Red Cross has been the great dispenser. Millions of pounds of feed have been carried across the ocean and transported in "kolas" drawn by water-buffalos or oxen, over air cables erected by the Austrians to facilitate the transport of ammunition, even by reindeers for the people of the northland, who now have flower boxes to cheer their dismal hovels.

In France, American Red Cross camions have carried seed to the villages. Announcement of the expected arrival would be placarded on the church or town hall: The town crier would announce the arrival of the Red Cross workers who had come to dispense seed. The mayor would come forth to meet them with characteristic pomp, and all the villagers would rush to the scene to receive their allotment.

Greece is now clamoring for clover seed because the agricultural experts who were sent over by the Red Cross to solve the problems of the soil realized that crops of legumes were the most feasible methods of restoring worn out soils.

In all the war-ravaged European countries it is the sower who is the man of the hour. It is through seed that the redemption of the lands from the conflicts devastation will be wrought.

Think in interest—your own interest—save and invest. War Saving Stamps pay 4 per cent interest, compounded quarterly.

THE CULTIVATION OF THE TULIP.

THE CULTIVATION of the Tulip is mystified by the elaborate directions generally given for its cultivation. I have succeeded, for many years, in producing very fine flowers by a simple course of cultivation; the varieties in my possession being probably as fine as can be obtained from any collection in Europe, having been imported a few years since at great expense.

The finer sorts of Tulips should always be planted in beds containing a considerable quantity of bulbs, but they look very well also when disposed in small groups in the borders, particularly the more common sorts.

A bed for two hundred and fifty Tulips should be thirty six feet long by four feet wide. The bulbs should be planted in rows, seven inches apart and seven inches distant from each other. The ground being marked out, the soil should be taken out to the depth of twenty inches. The rich surface mould should be first taken off and placed by itself, while the subsoil must be taken off out of the way.

I have found the best soil for Tulips to be that made of decayed turf from an old pasture, well incorporated with old, thoroughly decomposed cow manure, with a little sand, if the soil be adhesive; for the Tulip, and most bulbs for that matter, delight in a loose soil. The exact quantity of these materials is laid down by some florists as one third of each, but I have not been quite so particular. My mould is light enough to use without an admixture of much sand, and the quantity of manure is very small, not more than an eighth. When highly manured, the foliage will make a ranker growth, but it is injurious to the flower.

The mould or soil should be prepared before hand, and frequently turned to receive the influence of sun and air. When the bed has been dug as directed, the cavity is to be filled with this compost a week or ten days before planting. My practice is to fill it even with the surface of the ground. This, when settled, will be the right depth to plant the bulbs, if planted on the surface. The planting should be done on a pleasant day, it should not be done directly after a heavy rain, for then the soil will be heavy. That the bulbs may be planted exact, I prepare a board six and one-half inches wide, the length to be the width of the bed. On the edges of the board I mark the distances the bulbs are to be planted from each other by sawing a notch at each mark. Thus three inches from the end for the first and from that every seven inches until the whole number, seven in all, are made, which will leave three inches on the other end. Stretch a line on one side of the bed, and by keeping one end of the board up to it, the planting may be done without any trouble, and every bulb will be placed correctly in its right place, providing the board is placed square across the bed at each removal. Having placed the board, let some fine sand be placed where the bulbs are to be set. The bulbs should then be gently pressed into the earth, close up to the notch, but not so deep as to cover them, the large bulbs a little deeper than the smaller ones, and remove the board; then completely envelop each bulb with a little cone of sand, or very sandy earth, and so proceed until all of the bulbs are set. Now with a spade gradually cover the bulbs with the surface soil until the bed has been raised four inches above the level of the walk. This will

cover the bulbs about three and one-half inches, which is the proper depth of cover for Tulips. Let the bed be carefully smoothed, but not with any instrument that will interfere with or put out of place any of the bulbs which have been set. All the care necessary after this, is to throw some light protection over the beds before winter sets in, to be removed by the first of April. Afterwards keep the bed free from weeds. To have the flowers in the greatest perfection screen them in midday with an awning. A powerful sun has a tendency to mar the beauty of a Tulip bed by causing the colors to run somewhat together. A bed of late Tulips is generally in its highest perfection at the north about the 20th of May, and may be kept in a fine flowering condition a fortnight longer by taking the pains to erect



a movable shade over them. I take up my Tulips about the 20th of June, and dry them under cover, in an airy place, and when dry take off the offsets and plant them out, while the flowering bulbs are each wrapped in a piece of waste paper and put away in a box or drawer in a dry place until wanted again the succeeding fall for planting out. Tulips sometimes succeed very well in any good garden soil without extra preparation. The sorts that are planted in borders may be set in groups of from three to five bulbs, these not to be taken up oftener than once in three years. Separate the offsets, as they become so crowded that they will not flower well, and besides, as the new bulb is formed every year below the old one, the roots will penetrate so deep, that if permitted to remain many years they become so weakened they will not flower at all.

Editor's Note:—The above cultural talk was given by one of the best old time authorities of Massachusetts and a study of these directions should help all Tulip planters.

There are two kinds of dollars—one that is never worth more than a hundred cents, and one that grows in value. When you put your money in War Saving Stamps you change your hundred-cent dollars into the kind that grows.

HOLLYHOCKS, WILD CUCUMBER, CINNAMON VINES AND MOCKING BIRDS.

WHY DO NOT more people raise Wild Cucumbers? With me they run up the trees and over the Rose Trellis and the porch, and one catching the screen traveled to the top of the house. They must have plenty of water and partial shade in our locality. Their beautifully shaped leaves and lovely long string blossoms make them admirable and they are not troubled with insects. I wish my floral friends could have seen them, especially those on the north side of the house where they suffered less from summer drought than did those planted in positions more exposed to the sunlight.

I must speak of my Cinnamon Vines. They have the loveliest heart shaped leaves that are so sprightly clean and glistening as to always be a delight. The plant dies down to the ground each fall but always comes up late in the spring. They certainly are lovely. Mine grow up a pole with three forks at a height of twelve feet. They make a great tuft of foliage at the top of this support and hang down gracefully to the ground. Under this tuft was a mocking bird's nest, and what an awful scolding the tenants kept up at our pet dogs and cats. They would fly on their backs and peck at them, keeping up an admonishing chatter all the day long. I attached a bunch of wrapping cord pieces and lighter strings to a clothes line not more than three feet from the kitchen door just to watch them pull at the strings. No insect bothers the Cinnamon Vine. My plants are now rooted for three years.

I had success at last with planting a Kenilworth Ivy, by taking a ball of earth with the

ers. They are so restless for us to look upon when we are weary with the day's work. What could be more grateful than their delicious perfume? Flowers seem to make the home place cooler and healthier. I love the odorous Clematis and the leathery leaves of the Maderia vine swinging in the breeze from porch hang-



HOLLYHOCKS.

ings and other light supports. I say tuck them in every nook and corner. One can give thanks to God for the flowers and the comforts they give to us.

This summer I grew the finest black-red, white and pink Hollyhock blossoms imaginable. They were as double as a Rose, and some of them as large as teacups and others six or eight inches across. Surely we have a time with the cut worms which go after them in the spring. Here in Oklahoma the plants remain green in parts and maintain growth all winter if taken care of. One will find the worms that have hatched over night from the eggs on the underside of the leaves. Among single Hollyhocks I had pink, yellow, white and striped varieties. They were admired by everyone.

Okla.

L. E. Van Buskirk.

PYRETHRUMS.

Sometimes when we are trying new plants we get discouraged before we have really tried them out thoroughly. That was my experience with perennial Pyrethrum. I raised several plants from seeds I got from Parks about four years ago, and of course they were shy of growing the first year, as is the habit of some perennials. The next spring I had to hunt for them and dig them out from the grass and weeds. I also had to move them, which, I take it, they resented, for, though I got a few lovely, daisy-like blossoms, the second spring I again had to hunt for them among the weeds and again they bloomed very sparingly and I was sorely tempted to pull them up and use their room for more robust plants that could better cope with our growing winters; for if there is one thing I hate in my Oregon garden—it is to have to hunt in the winter's growth of grass and weeds a foot high, for some poor, little, sickly perennial. However, as I am most too tender hearted to pull up a flower—they stayed and the fourth springtime they did not have to be looked for, one plant waved aloft over 40 rose-colored Daisies. Mrs. A. I. C. Black.

R. 2, Cornvallis, Oreg.



CINNAMON VINE.

roots from where it was growing out of doors. It is growing nicely now and I am wondering if it will survive the winter. There is nothing so refining as an abundance of vines and flow-

EASY METHOD OF GROWING AMARYLLIS IN THE SOUTH.

So many flower lovers admire the beautiful Amaryllis, but think they are too much trouble to grow, as they are pot plants and must have a rest period and various other things done for them. But I have been growing the Amaryllis Johnsonii out in the open for several years. 1



AMARYLLIS

cover it on winter's approach with a thick layer of stable manure and cotton seed, and Jack Frost puts it to sleep under its warm blankets. The latter part of March I dig all this in thoroughly, and in a short time the flower stalks begin to appear.

Last spring I had twenty-four Lilies. Can you beat that in a pot? I ordered three new Amaryllis. They came in March and I put them carefully in the ground. Two of them sent up two fat bud stalks each, and oh what glorious blossoms they bore.

They are so little trouble grown in this way that all living in the parallel of latitude of nineteen South Carolina should try a few.

Pauline, S. C.

Mrs. Sam Lancaster.

Grape Hyacinth.—Muscari Botryoide is a pretty species, with varieties of blue, white and flesh colored flowers, all small, bulbous rooted plants, obtained from Holland as species of Hyacinths with solid bulbs producing attractive, bell-shaped flowers about a foot high appearing in June. All are hardy and may be planted in any good garden soil, about three inches deep, five or six bulbs in a group; they need not be taken up oftener than once in three years, and then should not be kept out of the ground long before replanting. The Grape Hyacinth is quite commonly found now escaped from gardens into copses so that it almost seems to be a native in our American flora while really it has come to us from Europe.

SEASONABLE FALL SUGGESTIONS.

WE BEGIN TO bring in our plants in September and continue as weather conditions require until everything out of doors, that is to be wintered in the house, is set in its place. Here in Pennsylvania we have had an agreeable and open fall, the first frost of consequence not having arrived until October 7th. The old decayed foliage should be removed. It is assumed too that a good shape has been developed upon the plant by watchful pruning during the summer period of growth. In repotting the plant, as is usually required, be careful in the selection of good garden loam mixed with part sand and well decayed sods earth from the compost pile which all garden and house plant growers should have constantly accumulating somewhere about the grounds in an out of the way place. In repotting and in putting the plants in the house see that all grubs and earth worms are removed from the soil and also inspect for insects, making quite sure that the plant goes into the home free to fight its fight for healthy life during the fall and winter. We must know that in the open, plants are not subject to draught and that they are quite as liable to chills from draughts in the house as are their caretakers. Plants do not relish in either draughts of cool air or air impregnated with gas. It will be well to make the change from open air to the house as gradual as possible for the plants to be moved into the house.

Pots should always be set level in their places in the room, this permits complete moistening of the soil when the plants are watered.

Remember that with the fresh soil you have used in potting that there is in all probability plenty of plant food, so be slow about using stimulating, additional plant food. Remember always, that the training of the plant for size and shape should have been attended to during the summer when the plant was in young and vigorous growth. We cannot reasonably expect that a plant carelessly treated in summer can be repotted in the fall and then be brought into the house and be trimmed and pinched into shape all at once and immediately appear as a thing of complete beauty.

WHAT MY FLOWERS SAY.

An Emblem I am sending you
Of Flowers that in my garden grew,
One day they seemed to speak to me,
Whispering, softly and earnestly.

I listened, and they seemed to say,
"Just live as we do, day by day,
No thought have we of care or sorrow,
Nor do we ever dread the morrow."

We're trying to just be bright today,
To cheer some soul along the way,
That was their message, and can't you see,
A lesson there for you and me?

Elizabeth Drott.

Crimson Rambler with Mildew.

Enclosed you will find a spray of Crimson Rambler Rose which each year gets mildew. Can you tell me what to do to kill the mildew so that the bush will bloom?—Mrs. Henry Ims, Highland, Ill.

Ans.—Dust the plant freely during spring, in the early morning while it is wet with dew, with powdered sulphur.

THE BREAKING OF SEEDLING TULIPS.

THOSE NOT conversant with the raising of varieties of Tulips from seed should be informed that what is technically "breaking of a seedling Tulip" is the sudden change which takes place one year in the color of the flower; for instance, from a dull purple it will change to a fine, clear white with brilliant red stripes, or from another dull color to a bright yellow with dark stripes, and this bulb with its progeny of bulbs, if properly managed, will always remain of the same colors. This process often takes six or twelve years, and cannot apparently be anticipated or in anyway accelerated. Some never break or change at all. The grower who raised one of the famous old varieties—Polyphemus—stated that it was nine years before the Tulip in this instance made its "break".

An old Boston dealer in Tulips mentions an experience of interest in connection with a sale of Tulip Bulbs. It seems that an amateur purchased some choice varieties, which had bloomed the previous season in the dealers own garden and which consequently he knew to be particularly choice. He was therefore greatly surprised to be confronted later by the buyer at Tulip Flowering time, and accused of selling inferior bulbs for the very best. So he rode twenty-five miles to the garden where the Tulips were bedded and there he beheld a well laid out bed of Tulips, all in full bloom with the flowers of perfect form; but the colors were all of dark brown grounds with stripes a few shades darker. He found that these were



the self same Tulips that had been such glorious bloomers the preceding year, and investigating further found the cause of the discoloration to have been that in preparation of the beds strong manure, not at all well-rotted, had been used, and that after the beds had been planted they had been covered with four inches of tanner's hemlock bark as a winter protection. The leaching of the hemlock bark together with the heavy manuring of strong non fermented manure had operated to change the colors of the flowers of the bulbs. A good suggestive lesson is contained in this experience as a guide to amateurs in the making of Tulip and other bulb beds. The bulbs are remarkably easy of cultivation requiring but light, well drained soil and good, free exposure to light and air for a splendid display of flowers.

ARIZONA FLOWERS.

OUR NATIVE flowers, which some reasons are so very numerous, seemed this season to be especially abundant in Mohave County where I enjoy living. *Opuntia Basilaris* with its lovely cerise blossoms make beauty spots which dot our peculiar landscape delightfully. The *Echinocereus* with flowers of almost the same shade as those of *Opuntia Basilaris*, is second only to the latter in flowery beauty. In many places various species of *Yucca* adorn the country and here it grows in fullest profusion. The native *Perestia*, locally known as *Ocatea*, is now in bloom, its red and yellow flames showing in beautiful contrast to the green of *Ocatea* foliage. *Sego Lilies*, both the red and the blue, were abundant with us this year. In our gardens where attention has been given them, and in Arizona gardens blooms certainly need attention, flowers were plentiful. Sweet Peas, Larkspur and Hollyhock were rivals during the season in my own yard. I would like to read of the seasons flower showings in other states. In closing let me tell you that I had lovely Bleeding Heart this year and my Ribbon Grass was beautiful, even here in the desert.



LARKSPUR.

Mrs. B.

Why not more of such helpful words.—We as readers, must of necessity many times come in contact with or obtain knowledge that may or may not be of any particular interest to us, which to others, would we but import it, would be of much value and great cheer. This thought has occurred to me many times while reading the valuable letters printed each month in this Magazine, and I doubt very much if any other department conducted in this Magazine could be of more universal interest to its readers.

Why do not more of us write letters and exchange experiences we have had with plants and vegetables as the editors have asked us to do and therefore make the Magazine more helpful?

Nasturtiums are one of my favorites, and for several seasons I have purchased an ounce or two of Nasturtium seeds and have planted one or two seeds in each hill of corn in the vegetable garden. There they had plenty of room to grow and they bloomed from early summer until very late in the autumn, long after the corn had been cut. I had all the flowers I wanted to pick for myself and friends and the aromatic odor of the blossoms makes them special favorites in the sick room or for a center piece on the dining-room table. The green seeds are a fine spicy relish when used in salads or pickles.

Friends give your flowers to the sick, and to all who ask, and the God of gardens who loveth the cheerful giver will bless you with an abundance of bud and bloom.

Syracuse, N Y.

Mrs. J. A. Oliver.

Thank God for the sunshine,
Thank him for the rain,
Thank him for the harvest,
The rich, golden grain.

Anon.

HYACINTHUS—HYACINTH.

(A name from ancient Mythology).

"Hyacinth, with sapphire bell
Curling backwards".

"The youths whose locks divinely spreading,
Like vernal Hyacinthus in sullen hue"

HYACINTHUS ORIENTALIS. The Garden Hyacinth. This beautiful flower bulb is most suitably planted in October and November. The finer sorts will appear to best advantage if planted in beds, while the more common varieties may be distributed about the borders and at other chosen spots in the garden where it is desired to have their charming effects.

The dimensions of the bed should be marked out and the soil taken entirely away to a depth of two feet; the earth on the bottom should then be dug and pulverized and the excavation filled with the following compost

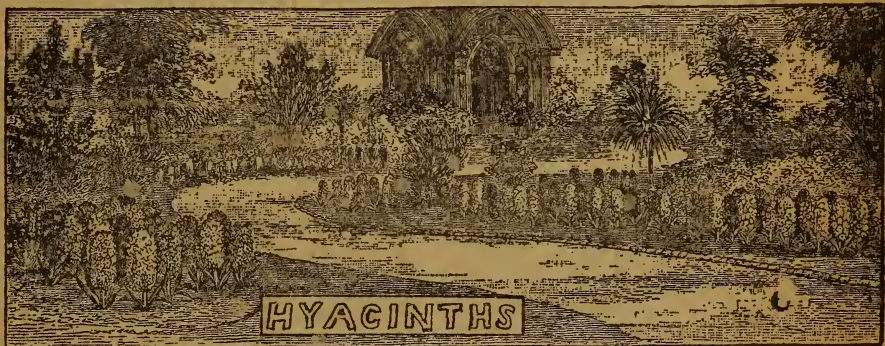
Four parts of river sand; four of fresh, sound earth; three of rotten cow dung, at least two years old; one of decayed leaves or decayed peat. The fresh, sound earth of the compost should be of the best quality of what is called virgin soil, or that obtained from old pastures or from the roadside, or if that is not obtainable the best garden mould, free from noxious vermin of every description. These ingredients should be well mixed and incorporated a considerable time before wanted. About ten days

is best to have bulbs that have not pushed their buds.

In about one month after the bloom is over, and the foliage begins to turn yellow, the bulbs may be taken up, then cut off the flower stems, but not the foliage, and having prepared a sloping bed of light earth the bulbs may be laid upon it so as not to touch each other, the foliage downwards, covering the roots and fibres with earth. Here they remain till the bulbs are sufficiently ripened, which will be in about two weeks, when they may be taken up, and, after they have been dried, cleared free of fibres, soil, etc., they are wrapped up in papers, dry sand or dry sawdust, and kept in a dry place until wanted for use. Or the roots may remain in the bed until the foliage has completely died down, and then be taken up, dried and cleaned, as before stated.

Editors Note:—The careful method of Hyacinth bed preparation indicated above is what we may call the ideal method of work. Each amateur adapts from such details the method of culture best suited to his or her particular situation, and to the pains and expense that can be given the culture of the lovely Hyacinth.

Specimen Tree Balsams—Specimen plants of Balsam are not hard to produce. Get the best of seed, and plant in shallow pans an inch apart. When second leaves appear transplant into a small pot or strawberry box. When about three inches tall, place in pots or boxes, use twelve-inch boxes, pots or tubs



before planting, the bed should be filled up with the compost, even with the path, or so as to be even when the roots are set. The surface of the bed should be raked perfectly smooth and the exact situation for every bulb marked on it before planting.

The bed should be four feet wide and the bulbs should be planted eight inches distant from each other in the rows, and they should be covered four inches deep. In planting, first place about one inch of fine sand, where each root is to be placed, then press the bulb into the soil nearly its whole thickness, and cover it completely with fine, clean sand. Having completed the planting, the whole may be covered with clean, fresh, sandy earth, four inches deep. Before winter sets in, Hyacinths should be covered with leaves, straw or loose meadow hay to a depth of a few inches. They are perfectly hardy, but the blooms seem more perfect when this added protection is given. In selecting bulbs be careful to procure good sound roots, for an imperfect root or bulb is not worth planting. A good bulb is perfectly hard and bright without specks of rot upon it. It

Give good drainage, plenty of water, never let them dry out. Have soil very rich. Place in direct sunlight, not close proximity to buildings or other plants or they will grow one sided. Manure water is beneficial once a week. Light stalks denote light colors, dark ones, dark colors. Is very tender as to frost. Transplanting makes the flowers double. They will grow like little trees and are very easy to handle.

Leominster, Mass.

Bertha N. Norris.

Editors Note:—It is particularly gratifying to read such directly pointed, brief, yet full cultural directions. The readers will recall that in the October issue the new Editor asked for a suggestion out of the experience of a subscriber to pass on to the enquirer who was interested in "Tree Balsams". The foregoing is in the Editor's view a very good model for really experienced non-professional contributors to follow. A reader in the south amusingly suggested that we print the tale of the four blind men and the elephant as a reminder to the good plant growing friends, who in discussing their favorite flowers fail to make mental survey of the probable lack of intimate floral knowledge on the part of "earnest but benighted" seeker after facts, and leave out essential and particular information. In this instance we are very sure that Miss Hannah now knows and appreciates having the essentials, in Tree Balsam culture.

Send NO Money

Don't Send
a Single
Cent

Get 2
One Dollar
Boxes

Here is your opportunity to buy the famous Laymore at half price. You don't need to send any money—simply fill out and mail the coupon below, and I will send you the two full-sized dollar packages. When the goods arrive, pay your postman only \$1.00. I am sending Laymore out without money in advance because hundreds of folks have put off ordering Laymore because it was too much trouble to get a money order or make out a check. I want everybody who raises poultry to use



Laymore
MAKES YOUR LAZY HENS LAY

because it will double your poultry profits. Thousands of poultry raisers are making more money than they ever thought possible. The

reason is Laymore. This scientific discovery tones up your hens and acts on the laying organs with such remarkable success that I sell Laymore under the absolute guarantee that it will double your egg production or your money back. Mail the coupon now and get double value. Remember you don't need to send any money with the coupon unless you want to.

Eggs Cost 12 Cents a Dozen

Get your hens to lay eggs at a cost of only 12 cents a dozen by feeding Mayer's Laymore, the scientific egg producer. A half cent's worth of this remarkable laying tonic is sufficient for 12 hens. The two dollar-size boxes that I am offering here for \$1.00 will last 100 hens for three months. Use the coupon. Better mail it right away.

Read These Letters

VERY MUCH PLEASED
I am ordering \$5.00 worth of Laymore. I am very much pleased with it. Am pretty near out and thought it best to order right away.
Mrs. Henry J. Naefke, Farnhamville, Ia.

Send me \$5.00 worth of Laymore. I used it before and it is good.
Ella Ritchart, Pometta, Bend, Mo.

I get a good deal more eggs than I did before I began feeding Laymore.
Mrs. A. S. Halden, Mountain View, Mo.

Enclosed find \$1.00 bill for which send me two packages of Mayer's Poultry Tonic. I have used two packages with good results. Send at once, don't delay, we need it. It sure is a help.
Pearl Ernst, Council Grove, Kan.

Please find enclosed check for four more packages of Laymore, as I find it to be just as represented.
Adolf Swenson, Lancaster, Minn.

I use your Laymore Tonic and like it fine.—Mrs. Will F. Busch, Litchville, N. D.

MAIL THE COUPON NOW

MAYER'S HATCHERY

52 N. Second St.,
Minneapolis, Minn.

Dealers and
Agents' Price
12 Dollar
Packages only
\$5.00



Laymore
Keeps Hens
Laying All
Winter

MAIL THIS COUPON

MAYER'S HATCHERY,
52 N. Second St., Minneapolis, Minn.
Gentlemen: Send me packages of
Mayer's Laymore Tonic for which I agree to pay
\$..... when the packages arrive.

Name
Town
State..... R. F. D.

A MEMORABLE THANKSGIVING.

Taking vigorous, long cross country walks with his children and friends, was the healthy habit of Colonel Roosevelt, always. A number of years ago when taking a late afternoon exerciser his journey chanced to include a ramble along an unused path in the National Zoological Park at Washington, D. C.

Two of his sons Archie and Kermit were along, and preceding the father, were busy gathering autumnal foliage unmindful of the rules of the Park which forbade any cutting of twigs or branches, when an officer came upon them. The Officer, Mr. John Monroe, ever earnest, tactful and well guided in his handling of "infractions of the rule" quite unaware of the identity of the little fellows, was holding council and pointing out to them just why it was improper for visitors in a Zoological Park, to cut and carry foliage, when the father came upon the scene and remained to hear the case through. When the officer had finished his corrective talk to the boys, he turned to go, but the father stepped up, extended his hand with his card, upon which was written Theodore Roosevelt—Assistant, Secretary of the Navy, and with inquiry as to the name of the officer, told him he was delighted with the manner in which he had fulfilled his duty; that he had been a Police Commissioner in New York City; that it was always a delight for him to find policing done in a helpful, constructive way.

This occurred sometime in October—on Thanksgiving Day, Mr. John Monroe was the happy recipient of an amply filled basket, heavy with an enormous turkey and all of the vegetable "fixins" that go to fill out the needs of a complete New England Thanksgiving dinner. A little card from the donor, Mr. Theodore Roosevelt, made the day a most happy one for the worthy officer.

Editor's Note:—I doubt if this story has before been published. The incident came directly to my attention when engaged in connection with the landscape development of the park. Thousands of lives have been brightened by the magic touch of the healthy, forward looking, humanistic personality of Colonel Roosevelt. We are glad to see that Gov. House has joined the forces of those interested in the Roosevelt Memorials. Did you read the little Roosevelt Memorial item in the October issue of this Magazine? The invitation for all to assist even is but a little is an open one.

\$50 POULTRY READING COURSE FREE—Poultry Success is now publishing monthly a story of absorbing interest and greatest practical value, 31st year, 40 to 120 pages; most helpful poultry paper published, 50 cents full year, 10 cents four months' introduction; sample free; write today, Poultry Success, 200 Main st., Springfield, Ohio.

TO ANY HOUSEWIFE
For Distributing 10 Doz. Bx's.
WASHING Tablets



This beautiful fabricoid leather, selected hardwood frame, bluestuff tufted, 23 steel spring parlor couch; over 6 ft. long by 3 ft. 8 in. wide, free for distributing only 10 dozen boxes of our wonderful New-Way Washing Tablets among your friends and neighbors to introduce. No money or experience needed. Act quick, before supplies. Write today for Free Sample Outfit.

BUSINESS OPPORTUNITIES

For 15c we will develop and furnish prints from one 8 or 8 exposure film, or enlargement 5x7 your favorite negative 15c to show quality and service. Associated Photo Company, Sta. A 22, Cincinnati, Ohio.

BE A DETECTIVE—Excellent opportunity; good pay; travel. Write C. T. Ludwig, 563 Westover Bldg., Kansas City, Mo.

Railway Mail Clerks Wanted—average \$117 month. Sample examination questions free. Franklin Institute Dept. L 140, Rochester, N. Y.

LADIES TO SEW at home for a large Philadelphia firm; good pay, nice work, no canvassing, send stamped envelope for prices paid. Universal Co. Dept. 49 Walnut St., Philadelphia, Pa.

SONGS & STORIES

Do you want your song poems accepted? Send your poems today for best offer, immediate publication and free examination. Song writing booklet on request. Authors & Composers Service Co. Suite 532, 1431 Broadway, New York.

Song-writers' Manual & Guide Sent Free! Contains valuable instructions and advice. Submit song-poems for examination. We will furnish music, copyright and facilitate publication or sale. Knickerbocker Studios, 513 Gaity Bldg., New York.

WANTED, Stories, Articles, Poems for New Magazine. We pay on acceptance. Typed or handwritten MSS. acceptable. Send MSS. to Woman's National Magazine, Desk 996, Washington, D. C.

MISCELLANEOUS

WOMAN'S VALUED INFORMATION. Something new. Particulars free. Address A. Walthall Hagerstown, Md.

MARRIAGE PAPER—Photos, descriptions, many rich, want to marry; free. H. Jahn, St. Paul, Minn.

GET MARRIED—Best Matrimonial Magazine published. Mailed Free. American Distributor. Blairsville, Penn'a.

Tobacco or Snuff Habit Cured or no Pay, \$1.00 if cured. Remedy sent on trial. Superba Co., TV, Baltimore, Md.



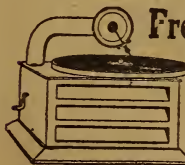
KILL RATS

NEW WAY

In France, the world's most famous laboratory has discovered a germ that kills rats and mice by science. Absolutely safe. Cannot possibly harm human beings, dogs, cats, birds or pets. Quickly, clears dwellings, factories, storage plants, barns, chicken houses, etc., with no offensive after-effects

DANYSZ VIRUS—FREE BOOK

Get our interesting free book on rats and mice, telling about DANYSZ VIRUS and how to obtain some. Address, **A. Z. VIRUS, LIMITED.** 152 West 14th Street, New York.



Free THIS NOVA-TONE TALKING MACHINE

Case Mahogany finish, enameled parts, no motor to get out of order, excellent reproducer, enjoyment for all. Sell 12 boxes Mentho-Nova Salve great for cuts, burns, influenza, etc.. Return \$3 and the machine is yours. Guaranteed. Records free. Order today. Address.

U. S. Co., Box 458—Greenville, Pa.



Crying Baby Doll FREE

She is an awfully Noisy Baby. You can hear her all over the house. Sounds just like a live baby. Wears a long white dress, and baby bonnet. We send her free, by parcel post paid, for selling only six easy selling jewelry novelties at 10c. each. We trust you. Simply send your full name and address to **JONES MFG. CO., DEPT. 10 ATTLEBORO, MASS.**

"Daffy-down-dilly came up in the cold,
Through the Brown Mould,
Although the March breezes blew keen on her face
Although the white snow lay on many a place."

Col. No. 18 **8 Trumpet Daffodils** 45c With Magazine a Year

Splendid large bulbs of the finest sorts of Trumpet Narcissus or Daffodils.
Madam de Graaf, Giant-flowered; pure white perianth and sulphur-yellow trumpet. Very beautiful.
Bicolor Victoria, a grand sort; flowers of great size; white perianth and golden trumpet.
Golden Spur, large, golden-yellow trumpet; a very beautiful hardy variety.
Van Slon, red-yellow throughout. The favorite earliest flowering variety.
100 sent by express, receiver to pay express charges, for \$3.05

Collection No. 22

6 **White Roman Hyacinths** 50c. and Magazine a Year,

Set in house in either soil or water. Plant in succession for bloom from November to March.

Col. 34.

LILIUM CANDIDUM A Grand Easter Lily

Annunciation or Madonna Lily. One of the finest, clear white, single flowers grown; richly perfumed. Set out now in garden, or plant in the house for Easter blooming. 2 Large, bulbs, postpaid, and Magazine 35c.
Collection No. 16.

6 **Paper White Narcissus** 30c. and Magazine a Year, 12 with Magazine a year 50 cents.

These are fine bulbs of the large-flowering Paper White Narcissus. Grow in house in soil or water.

California Privet 12 to 14 inches high, \$2.50 a 100 by express

BUILD IT UP.

Co-operative action permits us to make the most of our privileges. Remembering that we form a garland of many thousands of readers we want from each other; the worth while experiences; Poems and songs. Poems in fall and winter especially. No feature of the Magazine seems to be more appreciated, if we can judge from the letters that come to us, than the poetic offerings.

Songs; If our friends send in song verse we will print it with other poetic verse in the hope that your thoughts will add a new interest. We suggest that in their little letters the children do not follow pattern letters but each write of some local bit of interest; a school incident, or a birdsnest seen, or a tree that is especially enjoyed or an excursion or a picnic taken, or some interesting place like a falls, or a lake, or minerals or a mine. Something that has general interest for the many. It is not especially worth while to just copy some other little letter. Better write of interesting things. We may shorten your letter as space demands, but we can enter the incident that seems most striking or most characteristic. This we believe will help a lot to make the children's page doubly interesting.

Dear Sirs: As my subscription is now out, I am willing to send 10 cents as I know that the Magazine is worth more to me and I would not want to be without it. Hope all the readers feel the same and will send in their dimes. Mrs. H. H. Thomas, Akeley, Minn.

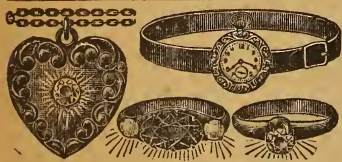
Mrs. Minnie Bair, R. 1, Arapahoe, Colo., would like to hear from anyone having birds of any kind for exchange. Also from any flower lover who cares to write.

Collection No. 1. **15 Mixed Tulips** and a Year's Subscription to **PARK'S FLORAL MAGAZINE** 30 cts

The very best single varieties for producing a glorious array of bloom early next spring. Colors are red, white, rose, crimson, orange, scarlet, yellow, and variegated. Fresh, good size, healthy bulbs, not seedlings or poor, trashy stock. These are mixed and are not sold in separate colors.

100 gorgeously Beautiful Single Tulips, all colors, postpaid, \$1.80
500 Same Kinds and Colors, fine bulbs, postpaid, \$7.50

PARK'S FLORAL MAGAZINE, LaPARK, PA.



ALL THESE FREE

Secret Locket and Neck Chain, Pendant and Neck Chain, Imitation Wrist Watch with adjustable leather strap and buckle and these Four lovely Rings. ALL Given FREE to everyone for selling only 12 of our Jewelry Novelties at 10c each. Fresh from factory. Be in fashion.
W. E. Dale Mfg. Co. Providence, R. I.



REMNANTS SILK VELVET GINGHAM, ETC.

Wonderful Bargain Sale

An Enormous Stock of New Silk, Velvet and other remnants in beautiful colors for quilts, pillows, etc., at astonishingly low prices. More than two hundred thousand ladies have taken advantage of our remarkable remnant bargains. We want you also as one of our many pleased and permanent customers.

SEND 10 CENTS for a big package of lovely silk, including free velvet, gingham and other samples, quilt designs. Also instructions how to earn money at home by sewing, and catalogue of wonderful Remnant Bargains. Your money back if not delighted.

AGENTS WANTED If You Are Not Earning \$30 weekly Sell our Remnant Bargain Bundles and other goods.

UNION S. WORKS, 259 Factory St. Booneville, N.Y.
America's Largest Mail Order Remnant House. Established 1897.



GUILD FOR GROWING THINGS.

In connection with our ultimate ideas touching the Guild, we plan to make the Home, the School-House and the Church to which our Guild members are attached, more attractive, florally. The Editor would be pleased to correspond with subscribers, who from their experiences with plants and flowers, and with natural taste and interest in the sketching of tentative home improvement designs would feel disposed to give some of their spare time, when called upon for the study of plans for situations that might from time to time be presented. It of course would be the purpose to appropriately and satisfactorily reimburse any of the "plan sketching" members for the pains and heart that they might put into definite bits of paper work. Any communications in this connection will be gladly received by the Editor, to whom they may be directly addressed.

EXCHANGES.

Miss Lulu B. Palm, Hyde Park, N. R., has many varieties of flower seed to exchange for Cinnamon Vine buds, any quantity.

Miss Violet Sanders, Novelty, Mo., has blue and yellow Iris to exchange for Storm Cloud Fuschias, double white Violets, Cannas, Pansy plants, Baby Rambler Roses, ever blooming Tea Roses, Pansy Geraniums (not cuttings) Dahlias, Mammoth Chrysanthemums, Gladiolus, Rex Begonias, Cactus, Sansevieria, Hydrilacactus, Cereus, Lobster Cactus, Callas and Lily of the Valley. She also has Onion sets to exchange, one pint for four of the above plants.

Some of our friends are sending in little sketches and photographs of their gardens with little notations of favorite flowers and other pertinent observations. We wish to express our appreciation for these, which we keep near at hand to refer to from time to time.

Would any of the friends like to send in any little Christmas Floral Items of about 150 words? Address directly to the Editor.

SAVE MONEY ON PATTERNS



It is the patriotic duty of every woman to save in every way possible. One way to save is in dress patterns. We sell dress patterns of late, up-to-date styles at 8 cents each or two for 15 cents. They are the same patterns you are paying 15 to 25 cents for at stores, made by reliable firms, correct in every detail.

HOW I DO IT

I publish THE HOME INSTRUCTOR fashion magazine and this special pattern service at low prices is extended to every subscriber. I don't want to make money from the patterns I sell. I want to help you to save money and thereby secure your subscription to HOME INSTRUCTOR, my fashion journal giving particular attention to what is latest in women's and children's wear. It has departments for every feature of home life and a magazine you will like.

FASHION BOOK FREE Send me 25 cents for one year's subscription to HOME INSTRUCTOR fashion magazine and I will send you free of charge my Big Fashion Book showing over 700 illustrations of latest styles and agree to sell you any patterns you may want at 8 cents each or 2 for 15 cts. You will save many times the cost of my offer in the year. Tell your friends and WRITE TODAY.

A. OTIS ARNOLD, Dept. 800 QUINCY, ILLINOIS

CANCER Home treatment, no knife or plaster for the cure of Cancer, Tumor and Scrofula. For particulars, address

Dr. C. H. Mason's Vegetable Cancer Compound, CHATHAM, NEW YORK

MENDETS - WONDER MONEY MAKERS mend leaks instantly in all metals, hot water pipes, etc. Instant and certain. 16c and 25c a pk., postpaid. Free Sample to Agents. Write to: Mendenhall Bros., Box 274, Amsterdam, N.Y.

GASOLINE FREE

When saving 75 per cent on Tire Cost by Buying Economy Double Tread 4,500 Mile Guaranteed Tires at One-fourth the usual tire cost.

Economy Double Tread Tires made doubly durable by our secret reconstructed process used in manufacturing. They have double the amount of fabric and ordinary tire, making them practically puncture proof and immune from blow-outs. Our customers get from them 4,000 to 10,000 miles of service.

LOOK AT THESE LOW PRICES

Size	Tires	Tubes
30x3	\$ 5.50	\$2.00
30x3 1/2	6.50	2.10
32x3 1/2	6.50	2.20
31x4	8.50	2.40
32x4	8.75	2.45
33x4	9.00	2.50
34x4	9.25	2.60
34x4 1/2	10.75	2.85
35x4 1/2	11.00	2.90
36x4 1/2	11.50	3.00
38x5	12.25	3.20
37x5	12.75	3.35

RELINER FREE WITH EVERY TIRE

State whether you want straight side or clincher, plain or non-skid. Send \$2 deposit for each tire; \$1 on tubes; balance C. O. D. subject to examination, or 5 per cent discount if full amount is sent with order.

ECONOMY TIRE & RUBBER CO.
Dept. 165 1206-10 W. 15th St. CHICAGO

GET THIS SUIT

made to your own measure. It won't cost you one single cent. We will give it to you so you can show it to your friends. It will be a big advertisement for us. You can easily make from

\$35 to \$50 EXTRA Every Week

and besides that be the best dressed man in your town. It's an opportunity you cannot afford to overlook. Even if you only want to order a suit for yourself, don't fail to

Write For Our Big Offer

Don't delay a minute. Drop us a line or send us your name on a post-card, and we will send you absolutely free, our wonderful style book, containing 64 beautiful samples to choose from. Write now.

The Progress Tailoring Co., Dept. 883 Chicago



GENUINE DIAMOND 4 RINGS YOUR BIRTHSTONE



FREE

GENUINE DIAMOND, Set with your initial, Birthstone and Wedding Ring. Solid Gold Shell, Guaranteed 8 years. Order 15 postage. Bingo Perfumed Ironing Wax, Sell at 10c each. Easy to sell. Big demand. Order today. Send no money. Get a beautiful Ring Free. Boys, Girls and Grandpa.



BINGO COMPANY DEPT. 599 BINGHAMTON, N. Y.



Poultry Paper

44-124 page periodical, up-to-date; tell all you want to know about care and management of poultry for pleasure or profit; four months for 10 cents. Poultry Advocate, Dept. A 32, Syracuse, NY.

RHEUMATISM CURED

Sold under Positive Guarantee of satisfactory results, or money refunded. Nat'ski Blood Purifier climbing to Fame. Cures Rheumatism, Kidney Trouble and Nervous Debilities. For Bank reference and testimonials, write, S.J. Burkitt, Sales Agent, Moweaqua, Illinois.

WOMEN WHY WORRY?

ERGOL relieves some of the longest and most abnormal cases in 24 to 48 hours. No harm or inconvenience with work. Results guaranteed or money returned. Prepaid \$1.25. Dermitone Remedy Co., 127 N. Dearborn St. Dept. M. Chicago.

Cut Seed Stalks off Ferns. I am sending a sample seed stalk and frond of my Ferns. Should I cut out these seed stalks to have the Fern more perfect?—Mrs. L. C. Winhold, Summit, N. Y.

Ans.—Cut off the seed stalks for best results

GOITRE

Removed at Home Without Operation or Danger



This simple, safe home treatment removes Goitre without inconvenience or danger. Hundreds of difficult cases that refused to yield to any other treatment have reported immediate results. "My goitre is cured and am feeling fine. I improved before taking medicine a week," says Mrs. C. W. Hahn, of North Jackson, Ohio. Mrs. W. A. Pease, of Creston, B. C., Can., writes: "A friend in Alberta got your treatment and was cured. I concluded to try it, and after using one treatment my goitre entirely disappeared." Quickly stops choking and other disagreeable symptoms. Does not interfere with regular duties.

No danger. Convince yourself without pay or obligation. Send Coupon today for \$2.50 Test Treatment.

\$2.50 FREE COUPON

This coupon is good for \$2.50 Test Treatment mailed free in plain package if accompanied by 10c to cover postage. Address THE W.T.B. LABORATORY, Battle Creek, Mich.

Age? _____ How old is Goitre? _____ yrs.
Nervous? _____ Hands Tremble? _____
Do eyes bulge? _____ Does heart beat too
rapidly? _____ Health? _____
Name _____
Address _____

703

RoSan Indoor Closet

More comfortable, healthful, convenient. Takes place of all outdoor toilets, where germs breed. Be ready for a long, cold winter. Have a warm, sanitary, comfortable, odorless toilet in the house anywhere you want it. Don't go out in the cold. A boon to invalids. Endorsed by health officials everywhere.

Guaranteed Odorless

The germs are killed by a chemical in water in the container. Empty once a month as easy as ashes. The original closet. Guaranteed. **THIRTY DAYS' TRIAL.** Ask for catalog and price.

ROWE SANITARY MFG. CO.

10177 Rowe Bldg., Detroit, Mich.

Ask about Ro-San Washstand and Rolling Bath Tub. No Plumbing Required.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, ETC., Required by the Act of Congress of August 24, 1912, of Park's Floral Magazine, published monthly at LaPark, Jano. Co., Pa. (for Oct. 1, 1919).
State of Pennsylvania,) ss.
County of Lancaster,)

Before me, a Justice of the Peace in and for State and county aforesaid, personally appeared James G. Fisher, who, having been duly sworn according to law, deposes and says that he is the General Manager of Park's Floral Magazine and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, to wit: 1. That the names and addresses of the publisher, editor and business manager are: Publisher, LaPark Seed and Plant Company, Inc. editor J.R. Eddy, general manager, James G. Fisher, LaPark, Pa.; 2. That the owner is LaPark Seed and Plant Company, Inc. 3. That there is no bondholder, mortgagee or other security holder owning or holding 1 percent or more of total amount of bonds; 4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and that affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

Sworn to and subscribed before me this 17th day of Sept. 1919.

Jno. Weaver, J. E.

(My commission expires Jan. 8, 1924.)

FOR THE HEART

30 DOSES FREE

Thousands of people have made the mistake of buying stomach and liver medicine because of palpitation and irregular action of the heart. Treat the heart first is a wise rule.

The heart is the "engine" of the body and should be strong and regular in its action if you want to feel well.

Keep a strong stream of pure blood circulating through every part of the body if you want to feel younger, stronger, more active.

If you suffer from irregular heart action or poor circulation of blood, weak and over taxed Hearts, Palpitation, Heart Pains, Nervous Disorders, "Tobacco Heart," or Nervous Exhaustion, send your address to The Cardiani Company, Dept. 32 B, East Hampton, Conn. with six cents in stamps to help pay part of the dispensing expense. (You will receive by return Parcel Post a regular 50c bottle of Cardinal (30 doses) free from all further expense or obligation to you. Will not injure the most delicate system. Free from habit-forming or dangerous drugs.

Try it. Find how much stronger one can feel. Do not neglect your heart—don't take chances.

ADD FROM \$10.00 TO \$30.00 TO YOUR MONTHLY INCOME!

Just now we are appointing several hundred local managers whom we put in charge of the boy agents in their town or city. These local managers do not have to do any soliciting; they merely appoint from 10 to 100 boy agents and receive a liberal commission on the work done by these boy agents.

We are looking for *real hustlers* (either sex) who want to make money in addition to their regular income.

If you think you can make good on this proposition write us today for further particulars.

THE BOYS' MAGAZINE, 1107 Main St., Smethport, Pa.

Relief to Ruptured People

Our Akron
Sponge Rubber Pad
(patented) brings instant relief and produces thousands of cures. It is sanitary, extremely comfortable, cannot slip, allows free blood circulation, and continually massages and strengthens the muscles.

SCROTAL PAD NEEDS NO LEG STRAP
Our New Akron Sponge Rubber Scrotal Pad holds 8 out of 10 cases of Scrotal Hernia perfectly, without strap between the legs.

FREE SAMPLE PAD AND CONSULTATION
A Sample Akron Sponge Rubber Pad will be sent absolutely **FREE** to every ruptured person. Advice and recommendation of our experienced fitting experts also **FREE**. Letters and printed matter mailed in plain envelopes.

\$500.00 MONEY-BACK GUARANTEE

Every Akron Truss Sold under above guarantee. Your money back if wanted any time within 30 days. Ask your dealer or write us **NOW** for Sample Pad, copy of \$500 Money-Back Guarantee and booklet, "Relief to Truss Users" all absolutely **FREE**.

DETROIT FITTING PARLORS, 223 WOODWARD AVE.
THE AKRON TRUSS CO., 1433 FIFTH AVE., AKRON, O.

WINTERING PLANTS IN CELLARS.

Many plants may be saved over winter in dry, cool cellars rather than by keeping them in most sitting rooms. The plants that can be best kept during the winter in the cellar are Carnations, Fuchsias, Geraniums, Roses, Lemon Verbenas and Dahlia roots. If the plants are to be lifted from the ground, cut away all strong growing shoots; in the case of Geraniums, cut them well in, and plant them in shallow (9-inch deep) boxes of soil, keeping them exposed to the open air as late as the weather will permit. This can best be done by taking them into some shelter at night and exposing them to light and air through the day; this will harden them to endure their winter quarters in the cellar. Once placed in the cellar, if cool and moist, as cellars usually are, no water should be given until they are again moved out into the light in early May. Remember that thus immersed in the dark cellar in their dormant state, water or moisture will injure them, usually beyond recovery, unless they have become unusually dry.

URIC ACID SOLVENT

75 Cent Bottle FREE

Just because you start the day worried and tired, stiff legs and arms and muscles, an aching head, burning and bearing down pains in the back—*worn out* before the day begins—do not think you have to stay in that condition. Start the day RIGHT.

Get well! Be strong, healthy, feel fine, free from pains, stiff joints, sore muscles, rheumatic suffering, aching back or kidney trouble. Start NOW.

If you suffer from bladder weakness, with burning, scalding pains, or if you are in and out of bed half a dozen times a night, you will appreciate the rest, comfort and strength this treatment gives.

We will give you one 75-cent bottle free and free book about Uric Acid and how to treat it, to convince you The Williams Treatment conquers Kidney and Bladder diseases, Rheumatism and all other ailments, no matter how chronic or stubborn, when caused by excessive Uric Acid.

Send this notice with your name and address, and 10 cents to help pay part of distribution costs, to The Dr. D. A. Williams Co., Dept. K988, P. O. Block, East Hampton, Conn. Send NOW.

You will receive by parcel post, delivery paid, a regular 75-cent bottle, without incurring any obligation. Only one bottle to the same address or family.

STRICTURE TREATMENT

Guaranteed

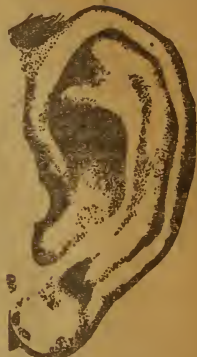
If suffering with Stricture, enlarged prostate, difficulty to retain or pass water, you will get immediate, entire and permanent relief by using

SKEEN'S PAINLESS REMEDY

NO CUTTING, DILATING OR DRUGGING

Use treatment 60 days. If not fully satisfied, I will return your money without complaint. No chance for you to lose a penny. My booklet, "AN HONEST TALK," with GUARANTEE, sent free—will open your eyes and convince you. Write

"Those Terrible Ear Noises Have Stopped"



"Those terrible Ear Noises have stopped" is what letter after letter is saying. You remember that some time ago Treatments for Head Noises were offered Free to Park's Floral Magazine readers. Many people took advantage of that offer, saw the Method and put themselves under its care and this is the happy result.

Head Noises! What a picture of suffering these words bring to mind. Reader, if you have Head Noises, no words can describe the weary misery. But you are the one to appreciate the blessed relief in the words "My Head Noises have stopped," and these are the words which the mails bring Specialist Sproule's office.

The joy and gratitude of the people who received the Free Treatments offered in this paper has been so great that the offer is made again.

200 Treatments Free

This means that, to show you, right in your own home the many advantages of this Method you can have a four-day treatment, Free, by just writing for it. Think what it would mean to no longer suffer with these roaring noises—the whistling—the escaping steam—the hum of insects—the buzzing—all the weary catalogue of sounds. Perhaps, too, your hearing is beginning to fail, but whether it has or not, you know in your heart of hearts that it may go and the voice of science warns you in unmistakable terms, if you have Head Noises, sooner or later, you may be deaf.

Here is your opportunity. Send for one of these Free Treatments and see the method which has done so much for hundreds of sufferers from Ear Troubles. Just drop Specialist Sproule's office a note or a post card giving your full name, and address.

This offer and talk is for YOU. Perhaps you have tried other things and become discouraged. Perhaps you have been told there is no help. Perhaps you are carelessly neglecting your case from day to day thinking it will get well of itself.

Make just this small effort. Send for one of these Free Treatments. It won't cost you a penny. See this new treatment and the method which has rid many many people of Head Noises.

Write today for Free Head Noises Treatment.

DEAFNESS SPECIALIST SPROULE

232 Trade Building, Boston, Mass.



SUPERFLUOUS HAIR

Let Excess hair destroy yours forever. No Pain, No Harm, cannot fail. Cheapest and only Guaranteed treatment of its kind. Different to others which only remove the hair over-night. Send 15c for a sample. Managers, 937 So. 4th Ave., St. Paul, Minn

MEN AND WOMEN

ARE YOU WEAK, NERVOUS AND NO GOOD You need Sex Force. Read my book. Price fifty cents. Order today and begin to rebuild now and be yourself again and make Life Worth Living. Sidney C. Tamm Ph. B. B.T.M., Dept. P.F., Kansas City Mo

DAHLIAS FROM SEED.

People who think Dahlias will not bloom the first season from seeds should see my plants this fall. Late last spring my seeds were sown in a partially shaded spot in the garden and received no further care until the plants were perhaps six inches high, when they were transplanted into a sunny place, in good garden soil. How they grew. They began to bloom about as early as plants from bulbs would have done, and to me they were far more interesting from the diversity of colors. Double yellow, red and pink of several shades and forms. Some of the reds were especially fine; dark velvety, almost black and produced in the greatest of profusion. They will continue to furnish us with magnificent bouquets until the frost cuts them down. Like most flowers, the more we pick them the more flowers we have.

Ogle Co., Ill.

Mrs. A. Chase.

Though the above was contributed quite a time ago, the experience is a pleasing one to record again this year.—Ed.

EXCHANGES.

Miss Lilla May King, Atlanta, R. 6, Tex., has tatting handwork, any style or pattern to exchange for plants, especially everblooming Roses, bedding plants and bulbs. "I make nice baby caps, yokes, edges, insertion, etc."

Miss Anna O. Wienecke, R. D. 5, Medina, N. Y., has named iris worth from 10 to 50 cents each and various hardy perennials to exchange for bulbs and perennials. Persons wishing exchange will please write what they want and have. No tender or house plants wanted.

Lungs Weak?

Generous Offer To Tuberculosis Suffers of Trial of Europe's Remarkable Remedy, SANOSIN

World's noted medical scientists—Doctors Danelius, Sommerfeld, Wolff Noel, Gauthier, Essers—declare SANOSIN the most effective treatment for Pulmonary ailments yet discovered. Felix Wolf, Court Physician, Director of the Sanitarium for Consumptives in Reiboldgrun, says he has discarded all other remedies. SANOSIN has been officially recommended to the Berlin Medical Association. Dr. C. W. A. Essers, Amsterdam, Holland, declares it a "Moral obligation to make SANOSIN known to the whole human race". American sufferers, rich or poor, can use this remarkable home treatment that has met with such phenomenal success in Europe. SANOSIN does its work by absorption of germs—not an injection. Produces calm, restful sleep without Morphium or similar deadening drugs. Brings almost immediate relief from coughing, blood spitting and night sweats. SANOSIN is proving a blessing to all suffering from Tuberculosis, Bronchitis, Asthma, roncchal Catarrh, etc. Send for FREE BOOKLET (with testimonials) explaining this treatment and how a Trial can be made in your own home at our risk. Address: SANOSIN 504A Unity Bldg., Chicago.

SHOW THIS TO SOME UNFORTUNATE



Dr. Isaac Thompson's **EYE WATER**

strengthens weak, inflamed eyes, and is an ideal eye wash. Good since 1796. Keep your eyes well and they will help keep you.

35c At All Drugists or sent by Mail Upon Receipt of Price

Write for our Booklet. It is FREE
JOHN L. THOMPSON SONS & CO.
172 River St., Troy, N. Y.

GET WELL KEEP WELL

Radio-Active Pad Restores Health — or Money Back

A Safe, Sane and Scientific Method of Overcoming Disease by increasing the circulation of the blood and eliminating the waste products of the body. It is a well established fact that nearly every known ailment is caused by poor circulation (sluggishness). The Radio-Active Solar Pad imparts energy, restores vitality and overcomes disease by increasing metabolism and causing a healthy circulation of the blood. Neuritis, Rheumatism, Scleritis, Gout, Neuralgia, Nervous Prostration, High Blood Pressure and diseases of the Stomach, Heart, Lungs, Liver, Kidneys and other ailments quickly and permanently relieved. Many complicated and chronic cases that have failed to yield to other forms of treatment have been quickly and permanently benefited by the use of the Radio-Active Solar Pad. To prove the remarkable restorative and vitalizing effects of this wonderful appliance, we will send it on ten days' trial with an absolute "money back" guarantee. If it fails to give entire satisfaction, you to be sole judge of its merits. No matter what your ailment.

Try It at Our Risk

For full information write today
RADIUM APPLIANCE CO.
994 Bradbury Bldg., Los Angeles, Cal.



I WANT 3000 AGENTS MEN OR WOMEN

\$25 TO \$50 PER WEEK

Wide-awake Men and Women who are in earnest can secure a permanent position that will pay \$25 to \$50 a week, year in and year out. Just easy, dignified work introducing our 400 light weight, popular priced "ZANON" Quality-First Products—the snappiest household line on earth; no competition; 100 per cent profit. Use by every family every day, but not sold in stores. Red Hot sellers. Steady Repeaters. Big demand. Apply at once for exclusive territory. The chance of a life time. Don't miss it. Write me today. Just a postal for my FREE Quota Offer and new Money Making Plan.

Albert Mills, Bgr. 9474 American Bldg., Cincinnati, O.

QUICK HAIR GROWTH! Box Free To You!



Would You Like Such a Result as This?

Do you want, free, a trial box of Kerkott, that has proved successful in so many cases? If so, you need only to answer this adv. by postcard or letter, asking for **FREE BOX**. This famous preparation is for dandruff, thinning hair and several forms of **FREE BALDNESS**. In many cases, a new hair growth has been reported when all else had failed. So why not see for yourself? Kerkott is used by men and women; it is perfectly harmless and often starts hair growth in a few days.

(Continued from page 148.)

ple Beeches and Maples. In these last mentioned foliage plants, however, the red color is distinctive of the variety or species practically throughout its period of growth, and it is developed so abundantly in the cell sap as to completely veil the chlorophyll. The simple experiment of plunging a red Coleus leaf into boiling water for a few minutes, is sufficient to demonstrate that the soluble red pigment is removable, and this removal makes visible in striking manner the green chlorophyll, which is soluble in water.

The landscape architect uses to advantage shrubs and other perennials which offer the possibility of autumn foliage colors, and likewise those—like the Osier Dogwood—whose twigs are reddened in the fall and remain brilliant for a considerable part of the winter. In the vicinity of St. Louis, Mo., where fall and spring effects are often those chiefly sought in the garden, the autumn coloration of leaves, fruits, and stems is a matter of special interest in the planning of the home grounds.

—From the Missouri Botanical Garden.

CURED HER FITS

Mrs. Paul Gram, residing at 916 Fourth Street Milwaukee, Wisc., recently gave out the following statement: "I had suffered with Fits (Epilepsy) for over 14 years. Doctors and medicine did me no good. It seemed that I was beyond all hope of relief, when at last I secured a preparation that cured me sound and well. Over 10 years have passed and the attacks have not returned. I wish everyone who suffers from this terrible disease would write G. Lepso, 895 Island Avenue, Milwaukee, Wisc. and ask for a bottle of the same kind of medicine which he gave me. He has generously promised to send it post-paid, free to any one who writes him."—Adv.



RABBITS \$6,000 YEARLY. Raise Furbearing Rabbits for us in your back yard, spare time. We furnish stock and pay \$3.50 to \$7.50 each for all you raise. **SUNSET FUR CO., 507 Lankershim Bldg., Los Angeles, Cal.**



Big Money in Weaving

Rugs, Carpets, Portieres, Table Covers, Etc.

Union Looms \$850 and up



Home Weaving Pays Big As A Regular Or Spare Time Occupation

Experience is not necessary, just follow the simple directions in our instruction book. You can easily weave rag carpet, Colonial rugs, etc., from cast-off clothing and other waste material; also beautiful and serviceable rugs from old ingrain and Brussels carpet. These floor coverings are very popular and in great demand everywhere. Weavers are rushed with orders. If you have not time to weave for others, why not purchase an \$8.50 loom for your own use? It will quickly pay for itself in any home. Be sure to write for free loom book. It tells all about the weaving business and our wonderful \$8.50 and other looms.

UNION LOOM WORKS,

290 FACTORY STREET, BOONVILLE, N. Y.

ECZEMA

CAN BE CURED

Free Proof To You



J. C. HUTZELL, R. P.
DRUGGIST

All I want is your name and address so I can send you a free trial treatment. I want you just to **try** this treatment—that's all—**just try it.** That's my only argument.

I've been in the Retail Drug Business for 20 years. I am President of the Indiana State Board of Pharmacy and President of the Retail Druggists' Association. Nearly everyone in Fort Wayne knows me and knows about my successful treatment. Over **twelve thousand five hundred** Men, Women and Children outside of Fort Wayne have, according to their own statements, been cured by this treatment since I first made this offer public.

If you have **Eczema, Itch, Salt Rheum, Tetter**—never mind how bad—my treatment has cured the worst cases I ever saw—**give me a chance to prove my claim.**

Send me your name and address on the coupon below and get the trial treatment I want to send you **FREE.** The wonders accomplished in your own case will be **proof.**

===== CUT AND MAIL TODAY =====

J. C. HUTZELL, Druggist, No. 3580 West Main St., Fort Wayne Ind.

Please send without cost or obligation to me your Free Proof Treatment.

Name..... Age.....

Post Office..... State.....

Street and No.

HERBS.

The following little notes were copied directly, recently from little hand written signs, posted among bits of each of the named Herbs that were growing in a little demonstration garden this summer in Bryant Park, on 42 street in New York City. It occurred to the editor in taking notice of these little reminders of plants much used in former days and planted now to quite an extent in our gardens, that it would please many old subscribers to find that our city youth, and particularly our returning soldiers, were having pointed out to them in such simple and effective ways, the main points of garden science. The little garden, 80x30 feet, perhaps had many staple garden vegetables planted in it. In every instance where a plant was growing some little cultural word was indicated on a little sign close to the plant being described. Perhaps some of our subscribers would like to tell us more about these old Herbs and others that are not mentioned. The plot in the New York city garden from which these little items were taken, was called "Grandmother's Garden."—Editor.

Basil. An herb for flavoring turtle or mock turtle soup. Dried leaves in the form of snuff is said to cure headache. Known to the ancients who used it in soups at all feasts. In Queen Elizabeth's time little pots of Basil were given to visitors by the farmer's wives. A certain sausage owes its popularity to the flavor of Basil used in its making.

Borage. "Borage for Courage" runs the old proverb. The rough, green leaves give a flavor of cucumber to claret and the blue flowers offer honey to the bees. Great grandmothers preserved and candied the flowers for sweethearts. Borage will reseed itself.



BIRD MANNA

Makes Canaries Sing—restores their health and feathers. 'Tis the great secret of the Andreasberg. Sold by all druggists. Mailed for 15c. in coin or stamps.

A BOOK ON CAGE BIRDS. 120 pages, 150 illustrations, a plate of fancy canaries in their natural colors. Full information as to song and rare canaries. How to breed them for profit. Hints on their diseases and how to cure them. All about Parrots and how to teach them to talk. Mailed for 15c. or both for 25c. Phila. Bird Food Co. 400 N. 3rd St., Philadelphia, Pa.

WALL PAPER

1,000,000 ROLLS

1C Per Roll { Write for Free Sample Catalog of 87 new designs and colorings. Why use Paint when 52c will paper Room 12 x 14, 9 ft. high

Martin Rosenberger, 13 Rosenberger Bldg. CINCINNATI, O.

FREE
Military finish air rifle. Sell 6 boxes Menthonova valves at 25c.
U. S. Supply Co. Box 59 Greenville, Pa.

Dill. Used mostly as a flavor for pickles. It is also used as a flavor for fish. In ancient times it was used in magic and as a preventive for witchcraft. For good Dill sow very early in the spring.

Peppermint. "Prior to July 1919 was in demand in the United States." Used in flavoring. The bruised leaves are used to cure nervous headache. The Japanese knew of this 800 years ago, and carried Peppermint about in little silver boxes fastened to their heels. Mint will spread all over the garden if not checked. It is therefore advisable to make a box-like enclosure which will keep it from spreading.

Sage. Used with pork, duck and goose in England, they say, "He that would live for aye, must eat Sage in May". The Chinese love Sage tea, and in olden times exchanged four pounds of Chinese tea with the Dutch for one pound of sage. It is used as a gargle and for a tonic by professional hair dressers. It is grown very easily.

Sweet Majoram. A very fine Herb for flavors. It should be given ample space in the garden. It loves to spread. In ancient times the relatives of departed loved ones would see if Majoram would grow on their graves, for if it did it denoted that they were happy.

Tarragon. Used for flavoring vinegar. Grows from roots planted in the spring.

Thyme. The dried leaves are used for flavoring. A wonderful antiseptic called Thymal is made from Thyme. Very little Thyme should be used in flavoring. The majority of cooks use it too strong. Allow Thyme to grow until frost, then pull plants and place in paper bags to dry.

WHY FEAR CHILD BIRTH

Dr. J. H. Dye, obstetric specialist, discovered a means of lessening suffering of labor and unnecessary pain. Write us about irregularity and sterility:

Illustrated Booklet Free
Sent in plain wrapper. If you wish to give birth to healthy babies, without unnecessary pain, write for it today. Thousands benefited in last 40 years.

Dr. J. H. Dye Medical Institute,
111 Lincoln Building, Buffalo, N.Y.

The Bee Cell Supporter



A BOON TO WOMANKIND

Made from the purest, softest rubber. Six cups or faces render misplacement absolutely impossible. Endorsed by the medical profession. Send us \$2.50 and we will mail you one postpaid in plain package. Money back if not entirely satisfactory. Write for descriptive circular. It's FREE.

The Bee Cell Co., Dept. 84 White Bldg., Buffalo, N. Y.



\$4800. A YEAR on a 50-foot lot raising

Rufus Red Belgian Hares and Flemish Giant Rabbits. We furnish high grade stock and pay \$7.00 a Pair, also express charges, for all you raise from same. We need 3000 weekly. Get our **FREE BOOK** telling how to feed, breed and house. Get started right. Don't breed common rabbits.

DAVIS & SON, 128 AVE. 31, LOS ANGELES, CAL.

EXCHANGES.

Effie Hicks, R. 1 Bx. 78, Kingsport, Tenn. has rooted pink Rambler Rose, white and purple Lilacs, Japanese Quince to exchange for Christmas Cactus or other plants.

Mrs. J. C. Broneman, cor. 9th and Eager St., Orangeville Baltimore, Md., has all kinds of flowers and potted plants, choice Begonias, etc., to exchange for rooted Ferns, Pæonies or Rubber plants.

Miss Jessie Lundburg, Keithsburg, Ill., has varieties of Dahlias, giant flowering Cannas and large flowering Gladioli to exchange for Lillies, Pæonies, hardy Phlox, Sweet Williams, Iris, Chrysanthemums, Tulips, Narcissus, etc., and seed of Tulips, Iris, Honeysuckles or Sweet Williams.

Mrs. A. Stoten, R. R. A. Box 205, Richmond, Ind., has Elderberry, Blackberry, Black Raspberry, Senator Dunlap and Sweetheart Strawberry, Rhubarb, Horse Radish Gooseberry, Day Lillies, Iris, shrubs and wild flowers to exchange for hardy Phlox, Lillies, Amaryllis, Pæonies, red and pink Iris, Himalayaberry, Huckleberry or anything hardy in fruit or flowers. Write first.

Mrs. E. W. Pearson, R. 5, Troy, Ohio, has crochet sam- ples and fancy work to exchange for rooted plants of Geraniums, Fuchsias, Begonias and Crinum. Fancy work proportionate to the number or value of plant^s will be returned.

Hi Hunter, R. R. 1, Afton, Iowa, single pink, red and yellow Tulip bulbs to exchange for red, white or clear pink. Also all colors of Sweet William seed mixed to exchange for Columbine and Hollyhock seed, single or double

Mrs. I. B. Williams, Santa Ysabel, Calif. has bulbs of all kinds, perennial plants, Roses, Lillies, Shrubs, Ferns, Dahlias, house plants and seeds to exchange for Pæony roots. Please write first.

Mrs. Richard B. Witt, East Schodack, N. Y., has cloth and paper bound books, magazines, sheet music, garden seed and a variety of plants to exchange for silk and worsted pieces, back numbers of the Modern Priscilla, Parks and Needlecraft and plants, etc.

Mrs. Lida M. Dearborn, R. F. D. 331 Richmond, Calif., has mixed Sweet Peas, Ferns and slips to exchange for shrubs, perennials, bulbs, wildflower roots including Violets, Jack in Pulpit, Butter and Eggs, Sugar Loaf, Bleeding Heart, Blue Bells, Golden Rod, May Apple, Duck Bills wild sweet Williams and other wild things.

Mrs. Geo. Johnson, R. 1, Box 52, Clearmont, Mo., has 750 S&H green trading stamps, fancy work and jewelry to exchange for large blooming size Callas or white Amaryllis "Empress of India" blooming size bulb.

Mrs. R. A. Steen, 337 Park Court, Canton, Ill., would exchange lists with other hardy plant collectors. No house plants.

Mrs. M. L. Coe, Eastanollee, Ga., has Strawberry plants, Himalaya and wine berries to exchange for Onions, Beans and remnants of cloth for quilts.

Miss Mary L. Trundy, Box 107, West Farmington, Me. has a large and rare assortment of house plants which she offers to make exchanges for for species of Cactus not in her collection. Letters courteously answered.

Mrs. Frank Fillmore, Box 94, New Harbor, Me., has purple Lilac, red Columbine, Easter Lillies, Golden Glow and pink Dahlias to exchange for Gloxinia, Rambler Rose, Iris, Lillies or any bulb or flowers. Write.

Mrs. G. W. Bain, R. D. 2, Nassau, Rensselaer Co., N. Y., has one year old Olivias and Tritoma Uvaria and Pfitzerii for named Dahlias, White Day Lillies or new varieties of Perennial Phlox. Write.

Mrs. M. R. Nanney, R. 1, Nealsville, N. C. has pink Sword Cactus and Horse Radish roots to exchange for Geraniums, Begonias or any kind of pot plants. Write.

Mrs. W. J. Lynch, R. 1, Box 20, Reinbeck, Iowa, says "If any of the Sisters have the old fashioned monthly house Roses to please write to me".

C. A. Gerhard, Mt. Angel, Ore. has Sweet Pea seed-saved from Zvolenek's Winter Orchid-flowering strain, best commercial mixed to exchange for other choice flower seeds, plants or bulbs. Also has colored post cards of North West scenery, many of them hand colored.

Maude V. Greenland, R. D. Aberdeen, Md., has crocheted yokes and caps to exchange for house plants, Chrysanthemums, Geraniums, Canna seed and for other seed and plants not in my collection. Write.

Mrs. J. A. Oliver, 712 S. Crouse Ave. Syracuse, N. Y. has Amaryllis seeds, nearly white, darkest crimson and scarlet to exchange for Oxalis bulbs.

Mrs. E. D. Matthews, Morning Sun, Iowa, has Golden Bantam sweet corn, early Tomatoes, Pie Pumpkin, Baby Golden Pop Corn and White Mexican sweet corn to exchange for certain Lillies, hardy bulbs or perennial flowers. Write first.

Mrs. G. W. Hinson, Cecil, Ga. desires to purchase one or more Tuberos Rooted Begonia or to make an exchange. Kindly write Mrs. Hinson.

No More Wrinkles

BEAUTIFUL BUST

Superfluous Hair Vanishes Like Magic. Eyelashes Beautified

Pimples and Blackheads Removed Forever

Let this woman send you free, everything she agrees, and beautify your face and form quickly.



This clever woman has not a wrinkle upon her face; she has perfected a marvelous, simple method which brought a wonderful change in her face in a single night. For removing wrinkles and developing the bust, her method is truly wonderfully rapid.

She made herself the woman she is today and brought about the wonderful change in her appearance in a secret and pleasant manner. Her complexion is as clear and fair as that of a child. She turned her scrawny figure into a beautiful bust and well-developed form. She had thin, scrawny eye-lashes and eyebrows, which could scarcely be seen, and she made them long, thick and beautiful by her own methods and removed every blackhead and pimple from her face in a single night.

Nothing is taken into the stomach, no common massage, no harmful plasters, no worthless creams.

By her new process, she removes wrinkles and develops the whole figure plump and fat.

It is simply astonishing the hundreds of women who write in regarding the wonderful results from this new beauty treatment, which is beautifying their face and form after beauty doctors and other methods failed. She has thousands of letters on file like the following.

Mrs. M. L. B. Albin, Miss., writes: "I have used your beauty treatment with wonderful success. I have not a wrinkle on my face now and it is also improving my complexion, which has always troubled me with pimples and blackheads. My weight was 112 pounds before taking your treatment and now I weigh 117, a gain of 5 pounds. Your treatment is a God send to all thin women. I am so grateful you may even use my letter if you wish".

The valuable new beauty book which Madame Clare is sending free to thousands of women is certainly a blessing to women. All our readers should write her at once and she will tell you absolutely free about her various new beauty treatments and will show our readers:

- How to remove wrinkles in 8 hours;
- How to develop the bust;
- How to make long, thick eyelashes and eyebrows;
- How to remove superfluous hair;
- How to remove blackheads, pimples and freckles;
- How to remove dark circles under the eyes;
- How to quickly remove double chin;
- How to build up sunken cheeks and add flesh to the body;
- How to darken gray hair and stop hair fallings;
- How to stop forever perspiration odor.

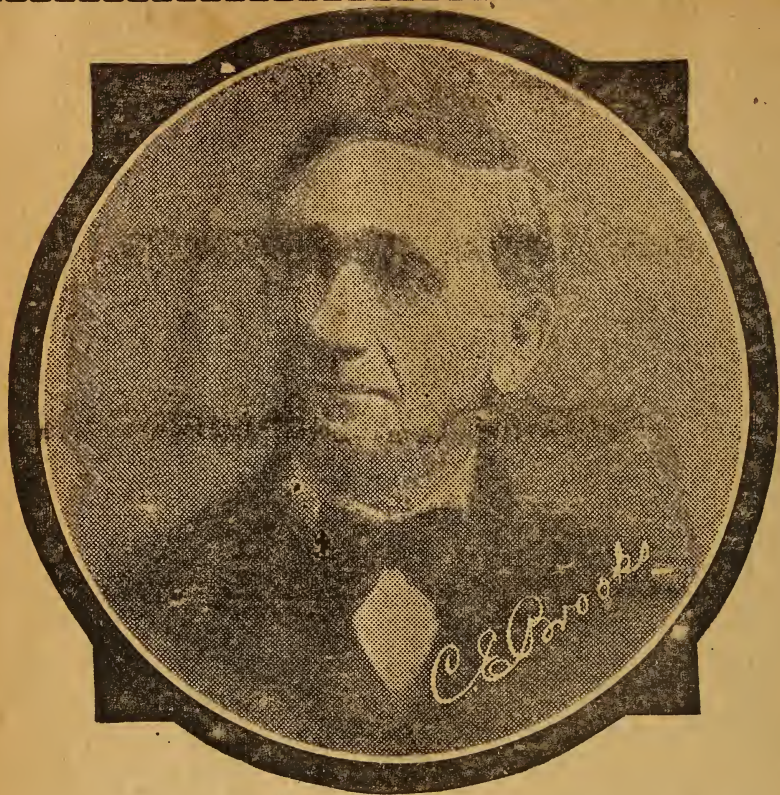
Simply address your letter to Helen Clare, Suite A27, 3020 Michigan Ave., Chicago, Ill., and don't send any money, because particulars are free, as this charming woman is doing her utmost to benefit girls or women in need of secret information which will add to their beauty and make life sweeter and lovelier in every way.

FREE TREATMENT

We pay postage and send Red Cross

ASTHMA

TREATMENT sent you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your treatment today. W. K. Sterling, 821 Ohio Ave., Sidney, Ohio



Mr. C. E. Brooks, Inventor of the Appliance. Mr. Brooks cured himself of rupture over 30 years ago and patented the Appliance from his personal experience.

Do You Wear a Truss?

The Brooks Appliance is SENT ON TRIAL to prove that it holds the rupture back, and keeps it in place, prevents it coming down or slipping out and assists nature to heal up the rupture without pain, operation or loss of time.

Over 685,000 People Have Accepted this Offer Why Not You?

If you take advantage of this remarkable trial offer, within an hour after you receive the Brooks Appliance you will throw away your painful makeshift truss forever.

Doesn't that prove that the Brooks Appliance is not an experiment but a positive success- that it does all we claim for it? Among these 685,000 men, women and children there must be **hundreds whose condition was identical with yours.** Can you afford not to investigate and satisfy yourself when it costs you nothing to prove what the Brooks Appliance will do for you.

Our reputation is so thoroughly established and our prices so reasonable, our terms so fair, that you should not hesitate to send the free coupon **today.**

**The Brooks Appliance Co.,
232 C State St., Marshall, Mich.**

Without cost or obligation on my part please send me by mail, in plain wrapper, your illustrated book and full information about your Appliance for Rupture, and your Trial Offer.

Name

Address

City.....State

QUESTIONS AND ANSWER

Aspedistra Lurida, Amonia and Fuchsia. One of the leaves of my Aspedistra Lurida has iron rust on it, two or three large spots. What could I do to check it? (2) I would also like to know which kind of ammonia is used for plant fertilizer? (3) Would the same be good to use on Aspedistra, Ferns and Begonias? (4) How many new leaves a year should an Aspedistra produce? (5) My Fuchsia is not doing well, the leaves look like they had white powder on them. They also had a



ASPEDISTRA LURIDA.

white scale, or lice, and I washed them in soap suds, and they now look dull, and the new leaves are not glossy like they should be. Can you tell me what to do? I am afraid I have taken up more than my space for questions, but I would like to have an answer as soon as convenient through your columns. Mrs. T. W. White, Bx. 274, Fowler, Kans.

Ans.—(1) Probably kept to wet. Repot in good garden soil, and be sure to place several pieces of broken crockery in the bottom of the pot, to provide drainage. (2) Household ammonia, that you can buy at any grocery store. (3) It would be excellent particularly for Ferns. (4) Five or six new leaves. (5) White fly has attacked your Fuchsia. It was a good idea to wash the plant with soap suds, but dust with tobacco powder, or water freely with tobacco water. We advise you to cut the plant back freely.

Paeony Tennifolia. I am enclosing a slip with a seed pod of a plant that is in our cemetery bed. It has big, double, red flowers, the fore-part of May. Some think it is a specie of Paeony. Can you tell what it is and where we can get it, from plants or seed?—Mrs Edwin M. Hinshaw, 616 South Grand Ave., Lyons, Kans



Ans.—The slip was from the Paeony Tennifolia, an attractive, hardy variety.

Cydonia Japonica. I am enclosing flowers of a bush now nearly past its bloom. It has rather dark green leaves mixed with a kind of thorn. Would you kindly give me the name?—Callie A. Boyd, West Finley, Pa.

Ans.—Specimen was badly dried out, but with the help of the description we are sure it is Cydonia Japonica, a good shrub for clumps on the lawn, or for setting around other shrub- and blooms in early spring.




Send Your Name and We'll Send You a Lachnite

DON'T send a penny. Just send your name and say: "Send me a Lachnite mounted in a solid gold ring on 10 days' free trial." We will send it prepaid right to your home. When it comes merely deposit \$4.75 with the postman and then wear the ring for 10 full days. If you, or if any of your friends can tell it from a diamond, send it back. But if you decide to buy it—send us \$2.50 a month until \$15.75 has been paid.

Write Today Send your name now. Tell us which of the solid gold rings illustrated above you wish (ladies' or men's). Be sure to send finger size.

Harold Lachman Co., 12 N. Michigan Av., Dept. 3108, Chicago

Ro-San Rolling Bath Tub With Heater

Full size white enamel tub, nickelled 12-gal. tank. Closes up in space 3 ft. square. On castors—roll it anywhere. Heater attachment for kerosene, gasolene or gas. Water heats quickly, waste drains through hose attached to temporary or permanent outlet. Simple. Guaranteed. Write for catalog and price.

Rowe Sanitary Mfg. Co.
9177 6th St.
Detroit, Mich.

Ask about
Ro-San Indoor
Closets and Wash-
stands. No
Plumbing Required.

Turn A Valve and Cook

OLIVER Oil-Gas Burner
makes any stove or range a gas stove. No coal or wood. Cocks and bakes better. No fires to start. You regulate flame. Saves money, work, dirt. Burns cost-oil (kerosene). Simple, safe, easily put in or taken out. No damage to stove. Lasts a lifetime. Thousands of delighted users. In use seven years. Write us for FREE literature telling how 2 gals. kerosene equals 97 lbs. coal. **Agents Wanted.** Oliver Oil-Gas Burner & Machine Co. 1367 N. 7th St., St. Louis, Mo.

Make Your Stove A Gas Stove

WATCH AND RING FREE

High grade men's and women's sizes. Thin model. Ten year guarantee. Sell 16 of our beautiful art and religious pictures at 20c. Everybody wants them. When sold send us the \$3.00 and choose watch or other highly desirable prize from our big list. You can sell the pictures in one day. Send your name and address today. **CAMBRIDGE ART CO., 1703 Cambridge Bldg., Dept. 145, CHICAGO**

LADIES: PERSONAL Antiseptic Suppository Tablets
a positive necessity for women, relieves pain and cleanses thoroughly. Guaranteed to give satisfaction or your money back. \$1.00 per bottle of 100. **RAYVENWOOD CHEMICAL CO. Ravenswood Sta., Chicago.**

LADIES: When delayed or irregular USE **FRENCH COTTON ROOT PILLS.** Safe and dependable. Refuse others. By mail \$2. Double strength \$3. **FRENCH MEDICINE CO. Atlanta, Ga.**

TWENTY pretty post cards and big catalog 10c. **Durso, Dept 56, 25 Mulberry, N.Y. City**

CHILDREN'S CORNER.

Dear Editor:—I am a town girl, 16 years old, am five feet tall with dark blue eyes and light hair. Here is a poem you may publish if you wish to.

MY MUMPS.

I don't like the mumps,
Said our sister dear,
They give so much pain,
Then she shed a tear.

I can't hardly stand them,
They sure are a fright,
When a person is hungry
And can't eat a bite.

Will exchange letters with boys and girls
of about my age. Beatrice King.
Lock Box 4, South English, Iowa.

Dear Editor:—I am a farmer's son of ten years. I live on a farm of 500 acres. I have nine pet chickens and have a hen setting. I have some pigeons too. Anybody who wishes to know about them write to me. I wish to exchange letters and post cards with any of the boys. L. Gordon Cooper.

R. 1, Box 2, Merom, Ind.

Dear Editor:—I am 16 years old and a reader of Park's Magazine. I live on a farm of 125 acres. I would like very much to hear from girls and boys of my own age. My birthday is April 20th. Olive Clara Hall.

R. 1, Box 84, Pittsville, Md.

Dear Editor:—Will you admit this little line in the Children's Corner? I am a country girl 13 years old and am in the eighth grade. I will exchange cards with girls of near my age. Edna Lee Hilton. Pine. Mo

Dear Editor:—Will you admit two Georgia girls into your circle? One of us, Mamie Todd, is 14 years old and has brown hair and eyes, and the other is Carwee Harrell, 11 years old. You see we are both giving the same address.

R. 1, Box 84, Mitchell, Ga.

Dear Editor:—As I have seen so many Children's Letters in the Magazine I thought I would write too. I was 13 years old on the 10th of May. I am a storekeeper's daughter. I will graduate from the eighth grade this year. Of all the wild flowers I believe I like the Violet or "Johnny Jump Ups best". I like Pansies, Hyacinths and Tulips. I can crochet and tat and do a great deal of work with both. I love the months of spring, and hunt flowers whenever I have a chance. I would like to exchange letters with boys and girls near my age. Helena Thompson.

R. 1, Revere, Mo.

I have never written before. I am a farmer's daughter 12 years old. My birthday is June fourth. I am a member of the Boys and Girls Club and I belong to the poultry and canning club. My father has a new Ford automobile. I will exchange cards and letters with boys and girls. Dorothy Davis.

R. 8, Crawfordsville, Ind.

Dear Editor:—I am 13 years old and live on a farm of 200 acres. I would like to exchange letters with other readers of my own age.

R. 3, Verona, Mo.

Margaret Jinik.

Dear Editor:—I am a farmer's daughter 13 years of age, have light hair and blue eyes. I live on a small farm eight miles from Oakland, Md. I would like very much to exchange letters with boys and girls, will answer all I receive. Miss Regis Keeley.

R. 2, Box 80, Oakland, Md.

THIS BIG DOLL, DOLL HOUSE AND FURNITURE

ALL FREE

This Great Big Beautiful Doll has real hair that you can curl and wears stylish lace-trimmed dress and shoes and stockings that you can take off. Her arms and legs move and you can play with her to your heart's content. The BIG DOLL HOUSE that comes with her is completely furnished, including BED, TABLE, CHAIRS, RUG, and even a PHONOGRAPH. This DOLL and COMPLETE OUTFIT, just as illustrated, will be given to you FREE for selling only 20 packages of our writing ink at 10 cents each. When sold return \$2 and this COMPLETE OUTFIT is yours. THE FAY-MORTON CO., East Boston, Mass. Dept. 235.



GRASS.

Grass is the forgiveness of Nature—her constant benediction. Fields trampled with battle, saturated with blood, torn with the ruts of cannon, grow green again with grass, and carnage is forgotten. Streets abandoned by traffic become grass-grown like rural lanes, and are obliterated; forests decay, harvests perist, flowers vanish, but grass is immortal. Beleagured by the sullen hosts of winter, it withdraws into the impregnable fortress of its subterranean vitality and emerges upon the solicitation of spring. Sown by the winds, by wandering birds, propagated by the subtle horticulture of the elements, which are its ministers and servants, it softens the rude outline of the world. It's tenacious fibers hold the earth in its place, and prevents its soluble components from washing into the sea. It invades the solitude of deserts, climbs the inaccessible slopes and forbidding pinnacles of mountains, modifies climates, and determines the history, character and destiny of nations. Unobtrusive and patient, it has immortal vigor and aggression. Banished from the thoroughfare or the field, it hides its time to return, and when vigilance is relaxed, or the dynasty has perished, it silently resumes its throne, from which it has been expelled but which it never abdicates. It bears no blazonry of bloom to charm the senses with fragrance or splendor, but its homely hue is more enchanting than the Lily or the Rose. It yields no fruit in earth or air, and yet should its harvest fail for a single year, famine would depopulate the world. John J. Ingalls, Late Senator of Kansas.

Editor's Note:—Think, too, of the beauty afforded by grass in our garden home lawns, and playground reaches, and how much we are indebted to plain grass as a material out of which to weave the emerald setting, so essential to complete the effect aimed at in our efforts in garden floral culture.

Dear Editors and Readers; Since writing my little order and ere I had an opportunity to mail my letter the October Magazine arrived and it was a very welcome visitor and I was pleased to read it again. The beautiful poem "Braided Rugs" by Edith Porter Kimball went to my heart, and I thought of the many pretty rugs made by my own mother's hands, now folded and forever at rest. I am glad the publication is to be continued. I have been a reader for many years and it is like an old friend.

Florence Rose.

Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 728 F Marcellus Avenue, Manasquan, N.J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and

Rheumatism

A Home Cure Given by One Who Had It.

In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but, understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

Mark H. Jackson, No. 436F Garney Bldg.,
Syracuse, N. Y.

Mr. Jackson is responsible. Above statement true

Deafness



Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums

"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

WILSON EAR DRUM CO., Incorporated
190 Inter-Southern Bldg. LOUISVILLE, KY.

HEAD ACHES FLU NEURALGIA WOMEN'S ACHES

AK

ASK FOR AK TABLETS



PARKER'S HAIR BALSAM

Removes Dandruff—Stops Hair Falling
Restores Color and
Beauty to Gray and Faded Hair
50c. and \$1.00 at druggists.
Hiscox Chem. Works, Patchogue, N.Y.



Secrets of Love Making, OR THE ART OF WINNING, WINNING AND WEDDING.
Tells "How to Court the Girls," "How Girls Should Manage Her Beau to Make Him Propose," "Love Letters, How to Write Them," "How to Catch a Rich Bachelor," "How to Catch a Widow," "How to Make Your Fellow or Girl Love You," "Etiquette, etc." This Great Book is the Diamond Key that unlocks the Door to the Heart, Most helpful to Lovers, Young or Old, Rich or Poor. Win who you like. This wonderful Book sent post paid for only 10c, or 3 for 25c. STAR BOOK CO., HURLEYVILLE, N.Y.

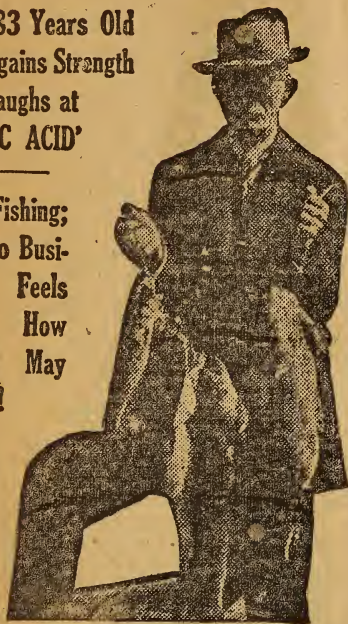


FREE WATCH 5 year guarantee.
Five stem wind and set watch. Your self.
12 boxes \$2. Menzies-Nova Silver at 25c.
(Great for cuts, burns, etc.) Order 10-day.
Hundreds of other premiums FREE.
U. S. SUPPLY CO. Box 636 Greenville, Pa.

Rheumatism Left Him As If By Magic!

Now 83 Years Old
—Regains Strength
and Laughs at
'URIC ACID'

Goes Fishing;
Back to Busi-
ness, Feels
Fine! How
Others May
Do It!



"I am eighty-three years old and I doctored for rheumatism ever since I came out of the army, over fifty years ago. Like many others, I spent money freely for so-called 'cures', and I have read about 'Uric Acid' until I could almost taste it. I could not sleep nights or walk without pain; my hands were so sore and stiff I could not hold a pen. But now as if by magic, I am again in active business and can walk with ease or write all day with comfort. Friends are surprised at the change."

HOW IT HAPPENED.

Mr. Ashelman is only one of thousands who suffered for years, owing to the general belief in the old, false theory that "Uric Acid" causes rheumatism. This erroneous belief induced him and legions of unfortunate men and women to take wrong treatments. You might just as well attempt to put out a fire with oil as to try and get rid of your rheumatism, neuritis and like complaints, by taking treatment supposed to drive Uric Acid out of your blood and body. Many physicians and scientists now know that Uric Acid never did, never can and never will cause rheumatism; that it is a natural and necessary constituent of the blood, that it is found in every new-born babe, and that without it we could not live.

HOW OTHERS MAY BENEFIT FROM A GENEROUS GIFT.

These statements may seem strange to some folks, because nearly all sufferers have all along been led to believe in the old "Uric Acid" humbug. It took Mr. Ashelman fifty years to find out this truth. He learned how to get rid of the true cause of his rheumatism, other disorders and recover his strength from "The Inner Mysteries", a remarkable book now being distributed free by an authority who devoted over twenty years to the scientific study of this trouble. If any reader of this Magazine wishes a copy of this book that reveals startling facts overlooked by doctors and scientists for centuries past, simply send a postcard or letter to H. P. Clearwater, 29 M. Street, Hallowell, Maine, and it will be sent by return mail without any charge whatever. Send now! Cut out this notice lest you forget! If not a sufferer yourself, hand this good news to some afflicted friend.

RAISING RABBITS.

The raising of Rabbits of all kinds is growing into quite an industry throughout the States. With many, Flemish Giants and New Zealand Reds are the favorites. The large, light grey Flemish Giant weighs from 13 to 20 pounds. It is a cross from the black or steel-gray Flemish Giant and the New Zealand Red. The Belgian Hare is a pretty pet. All Rabbits are easy to care for and take but little time to feed, as they will eat as well at night as in the day time. Rabbits breed freely, and have from five to eleven in a litter. They should not be allowed to raise over seven at a time, as the mother bunny has but eight teats and it is difficult to get feeding assured for more than seven little bunnies, and if more is allowed to feed with the mother the excess number usually die from want of nourishment.

The meat of all Rabbits is white, like the breast meat of chicken. It is very tender meat and very palatable. Every child should raise one or two Rabbits anyway, for pets, and really they can be raised more cheaply than chickens, so they can be made to net quite a little pin money. Rabbits grow fast on new milk.

Hattie Scovil.

North Turner, Me.

In every yard in France it seemed there were pens or warrens for the growing of Rabbits. The little Bunnies which have been grown quite generally for years by all classes of the French for their tender, healthy meat, contributed a good deal to offset the absence of beef for home consumption during the hard years of the war. One of the amusing observations of American Soldiers in France was to hear the Rabbit Skin gatherer come about the streets, calling with a sing-song, like our rag and bottle man, "Oh-Lapan Oh-Lapan", Lapan is French for Rabbit, but it is pronounced much as if it was spelt Japan. He was buying the furs to sell to the furriers for making up into various articles of wearing apparel.—Editor.

Mrs. Rose Olds, Erie, Pa., who has been a subscriber for 25 years and who has raised flowers all of her life writes of the joy she has had in raising and in giving away plants and flowers. She would like to have some write through Park's Magazine, giving experience with fruits and flowers in North Eastern Ohio.

Mrs. Beatrice Henry of Center, Okla, Star Route, would like to hear from any of the friends who may have known her grandmother Didoma Hines, who cared for flowers many years at Piedmont, Mo.

Dear Editor:—Will you please print this for me? I received a card from Miss Elizabeth—Franklinville, N. Y. I would like to correspond with her if she will please send all of her address. A Page Member—Carrie Lyon, Box 235, Pontotoc, Miss.

Note:—Many of our letters are clearly written except for the name and other details of address. We will be glad indeed if children and others writing to the Editor will most carefully print or write their full address, re-writing the address given to see if it is quite clear, before sealing their letters. It will give them much better service and will save many minutes of time in our cheery, but busy office.

OXALIS SA AN EDGING.

The various sorts of summer-blooming Oxalis, with their attractive, luxuriant foliage and profusion of small, exquisite, star-like flowers, are especially well adapted for use as edging plants. Oxalis Dieppi and Oxalis Lasandria are very effective and satisfactory. A number of these small, inexpensive Oxalis bulbs, planted along the edge of a bed or border at intervals of three or four inches, will soon develop a low, compact border of beautiful, clover-like foliage, which, as the plants are free-blooming in habit, is apt to be continuously interspersed with an abundance of dainty flowers borne on large, graceful stems.

The pretty foliage on most of the varieties so closely resemble the Shamrock, which, through St. Patrick became the emblem of Ireland, that from certain species of Oxalis Dieppi Rosea is obtained much of the so-called "Shamrock" used in this country on the seventeenth of March.

In the south, where the climate is mild, the bulbous Oxalis may be left in the ground with safety during the winter months, but in the north, after the bulbs have ripened, they should be lifted from the ground, dried off and kept in a dry, cool but frost-proof storage place. When taken from the ground, the clumps of such species as Oxalis hirta Rosea should not be separated, as the small bulbs which surround the large tuber depend upon the 'mother' for nutriment. In the spring, when the large tuber has dried up, the cluster may be divided

and the small bulbs reset in the ground separately.

The sturdy, rapid growth, beauty of foliage, and the profusion of weeks of uninterrupted



Oxalis floribunda

bloom make the summer-blooming varieties of Oxalis admirable for use for borders or edgings.

Bertha Berbert Hammond.

Mahopao Falls, N. Y.

Snow Ball and Black Lice. My Snow Ball is afflicted with black lice. I have put wood ashes at the roots, and sprayed the plant with soap suds, but it is still affected.—Mrs. C. W. Cox, Metamora, Ohio.

Ans.—Spray in the spring with lime-sulphur solution.

PAINT At 1/2 Cost

In spite of the great increase in cost of raw materials and consequent rise in paint prices, Crosby Frank & Co., with their excellent knowledge of the market and big buying power, are still able to offer you paint at a *saving of one-half*.

Unlimited Guarantee

We are the only factory in America that sells paint direct to the consumer. You pay no salesmen's expenses, no store upkeep, no dealers' profits, no agents' commissions. Every can of **Crosby Ever-Wear Paint** is backed by an absolute guarantee. No time limit—no quibbling. If it isn't right in every way we make it right. We have stood this test for more than 12 years because we are producing the best paints you can buy. *We pay all freight charges.* This means an additional saving for you. You can't match this combination of price and quality anywhere.

Liberal Trial Offer

Write for our liberal trial offer and our beautiful illustrated paint catalog and color cards. Shows over 100 different shades. Gives you our wonderful low prices. Shows you how to do the work yourself, and save labor cost. Most complete paint book ever offered. Tells about everything in the paint line. Write today and save money. Our great paint book is Free. (6)

Crosby Frank & Co.

320 Peoria St.

Chicago, Ill.

Write
for
FREE
Paint
Book

We
Pay
Freight

Starving in the Midst of Plenty

Acid-Stomach Steals Strength and Good Feelings From Millions

One of the worst features of acid-stomach is that very often it literally starves its victims in the midst of plenty. And the strange thing about it is that the people with acid-stomachs seldom know what their trouble really is.

No matter how good or wholesome the food may be, or how much they eat, they do not gain in strength. This is clearly explained by the fact that an acid-stomach cannot properly digest food. Instead of healthy, normal digestion, the excess acid causes the food to sour and ferment. Then when this mass of sour, fermented food, charged with excess acid, passes into the intestines, it becomes the breeding place for all kinds of germs and toxic poisons, which in turn are absorbed into the blood and in this way distributed throughout the entire body. And that is exactly why it is that so many thousands of people eat and eat and keep on eating and yet are literally starving in the midst of plenty. Their acid-stomachs make it absolutely impossible for them to get the full measure of nourishment out of their food. And it doesn't take long for this poor nourishment to show its ill effects in a weakened, emaciated body.

You may say: "My stomach doesn't hurt me." That may be true because many victims of acid-stomach do not actually suffer stomach pains. Then again, there are millions who do suffer all kinds of aches and pains—head-aches, rheumatic twinges, gout, lumbago, pains around the heart and in the chest—who never dream that an

acid-stomach is the real cause of the trouble.

Naturally, the sensible thing to do is to strike right at the very cause of this trouble and clean the excess acid out of the stomach. There is a quick, easy way to do this. A wonderful new remedy quickly removes the excess acid without the slightest discomfort. It is EATONIC. Made in the form of tablets—they are good to eat—just like a bit of candy. They literally absorb the injurious excess acid and carry it away through the intestines. They also drive the bloated out of the body—in fact you can fairly feel it work. Make a test of EATONIC in your own case today. Get a big box of EATONIC from your druggist. See for yourself how surely it brings quick relief in those painful attacks of indigestion, bitter heartburn, belching, disgusting food repeating, that awful bloated, lumpy feeling after eating and other stomach miseries. Banish all your stomach troubles so completely that you forget you have a stomach. Then you can eat what you like and digest your food in comfort without fear of distressing after effects.

So get a big box of EATONIC from your druggist today. We authorize him to guarantee EATONIC to please you and you can trust your own druggist to make this guarantee good. If your druggist does not keep EATONIC write to us direct and we will send you a big 50c box. You can send us the 50c after you receive it. Eatonie Remedy Co., 1092 So. Wabash Ave., Chicago, Ill.

TAKE EATONIC TODAY
FOR YOUR ACID-STOMACH

WINTER PROTECTION OF PLANTS.

Many of the plants used for the decoration of the flower borders in summer may be kept through the winter in what are termed cold frames, or sunken pits. These are formed by excavating the earth about two feet deep and of a width to suit the usual six foot sash and of such length as is individually required. The sides of the pit are boarded up on the front or the south side to a height of eight or ten inches, and at the back or north side some six inches higher, to give the necessary slope to carry off the water from the sashes and to better catch the sun's rays. Thus formed the frame will measure about three feet deep from the sash in front and about three and one-half feet at the back. Or, if the work is desired to be permanent, the sides may be built of brick or cement instead of boards.

Above all other considerations, the place where the pit is built must be free from all standing water, and if not naturally dry, must be drained so as to carry off the water. Whenever practicable, the situation should be warm and well sheltered, as such a position will save a great deal in winter covering. In such a pit tender Roses can be kept in the best possible condition, better, in our opinion, than in any greenhouse. If kept in pots, which by the way is the best way in which to carry them over the winter, the pots should be plunged to the rim in sawdust, leaves, tan bark, or some light material. Besides Roses, the plants embraced in the following list may be wintered over with safety, provided that care is taken to admit light and air whenever the weather will permit. The thermometer can always be a guide in such cases. The pits must be thoroughly covered up at night with mats on which are laid shutters, this if well done, will keep the plants from freezing injuriously in any district where the thermometer does not fall more than 15 or 20 degrees below zero. Azaleas, Antirrhinums, Carnations, (monthly) Camellias, Fuchsias, Geraniums, Penstemons, Verbenas, Stocks, Wall Flowers, Roses of all kinds, and other plants of character requiring about the same conditions as experience has shown you, the above list of plants require.

Plants to be kept over in frames should be potted about a month previous to the settling down of cold weather. It would be well if in the north, all of them be quite well established in pots by the end of November, and until that time the plants should be well exposed to light by the complete removal of sashes except, of course, upon unusually cold days. From the middle of November until the middle of March but little watering will be required. In cases of severe storms the pit may remain covered up, if the weather is cold, for a week at a time, without exposing the plants to the light, and Roses, Camellias or Azaleas in a dormant state may remain even a month without exposure to light. But as a general rule for all plants admit light and air.

Dear Editor:—I am eight years and am in the second grade. I like my teacher. We have all kinds of poultry. I like flowers my favorites being Pansies and Carnations. I live on a farm near Smithville. I want to see this letter in print. Mildred Noble.

Asthma Hay Fever-Bronchitis

Sufferers should send for the proven home treatment that gives immediate ease and comfort. Stops choking and difficult breathing at once. No matter where you live, "how long standing" or what your occupation, you should have the reliable Atlas Free treatment for prompt relief. It's totally different—new in America.

—does not cause headaches, stomach disorder, rash or pain in joints. Goes direct to the seat of your ailment and stops suffering without interfering with your work. Atlas Medic Co. Inc.

Lockwood Bldg. Buffalo, N. Y.

Send No Money Trial Treatment Sent promptly without Cost or obligation. Mail Coupon today.

Use this Coupon

Age..... Asthma-time.....
Hay Fever..... Bronchitis.....
When Severe.....
Heart trouble..... Condition.....
Name.....
[51] Address.....

PILES DON'T BE CUT

Until You Try This Wonderful Treatment. My internal method of

treatment is the correct one, and is sanctioned by the best informed physicians and surgeons. Ointments, salves and other local applications give only temporary relief.

If you have piles in any form write for a FREE sample of Page's Pile Tablets and you will bless the day that you read this. Write today.

E. R. Page, 351C., Page Bldg., Marshall, Mich'

Cancer Book

Entirely New Book on Cancer. The most comprehensive explanation of cancer and its successful treatment without the knife ever published. The Book is FREE. Send for a copy today and Learn the Truth about cancer.

B. A. JOHNSON, M. D., Suite 1324, 1320 Main St., Kansas City, Mo.

Goitre

Cured at home: worst cases. No pain. No cost if it fails. Successfully used for 13 years. Write for free Book and testimonials. GOITRE COMPANY, 487 West 63rd Street, Chicago.

TAPE-WORM

Expelled alive in 60 minutes with head, or no fee. No fasting. 66 Page Book for 2c stamp. DR. M. NEY SMITH, Specialist, 12 Pine St., St. Louis, Mo.

TOBACCO KILLS MANLY VIGOR

Quit habit easily. Any form cured or no charge. Only \$1.00 if cured. Stops craving; harmless. Full remedy on trial PERKINS COMPANY B-35, HENDLEY, NEBRASKA.

LADIES

Free booklet describing wonderful article indispensable or use of married ladies. Sent sealed. HYCIENE KALOGY CO., Dept. 20, 122 W. 13th St., New York.

NUXATED IRON

In The Grip Of A Man's Hand--

**You Find Strength or Weakness--
What Does Your Grip Show?**

Have you the firm, forceful power of a man whose blood is rich in iron—the kind that inspires confidence and wins success—or have you the feeble, hesitating clasp of a weakling, whose blood needs iron? Nuxated Iron builds strong, keen, red-blooded men and women.

If you are not strong or well, you owe it to yourself to start taking Nuxated Iron to-day and watch its strength-giving, upbuilding effect. In two week's time see for yourself what sort of a change has taken place in the grip of your hand and the amount of strength and endurance you possess.



POWER
FORCE
STRENGTH
ENDURANCE